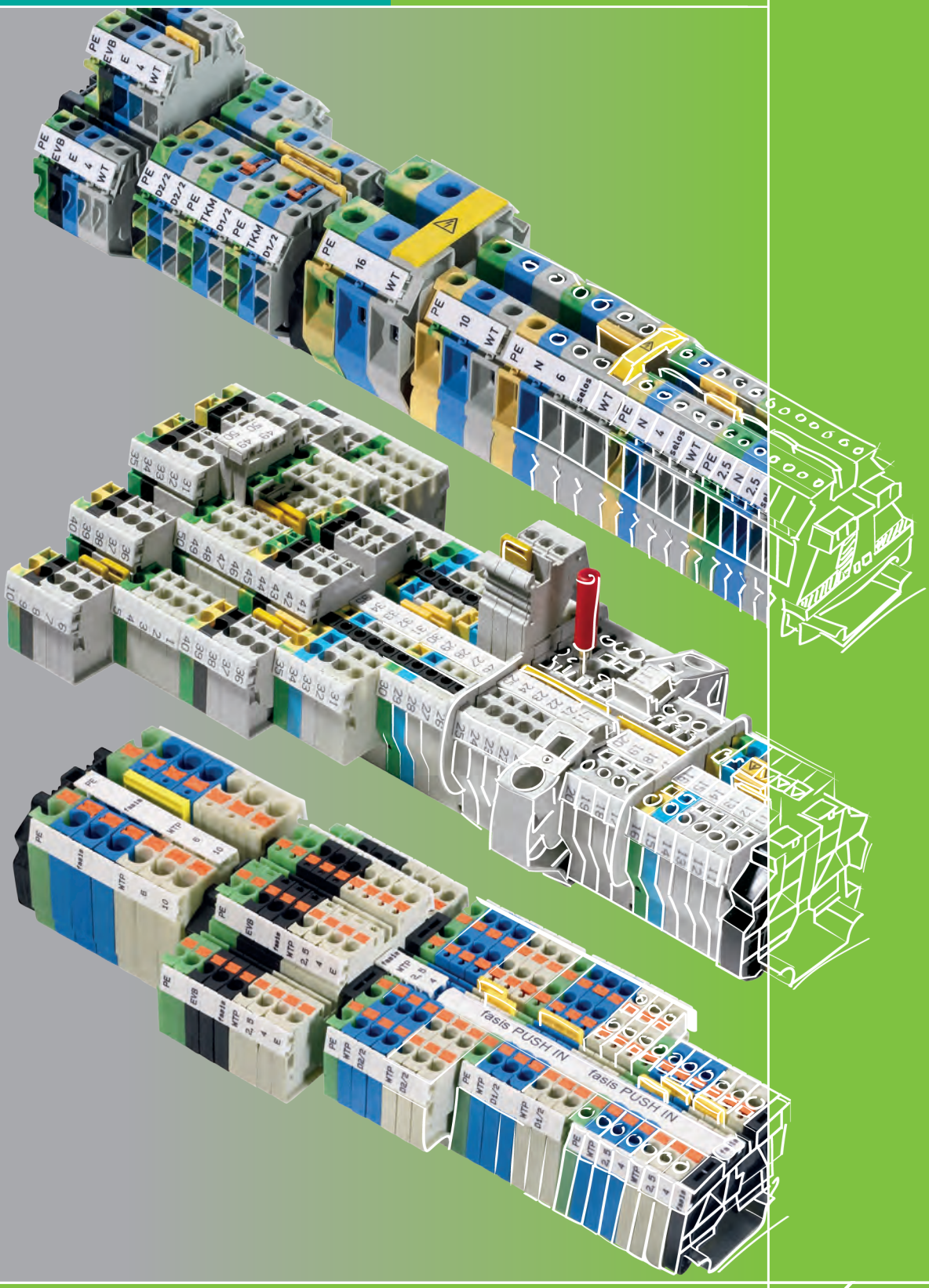
wieland



selos / fasis

DIN Rail Terminal Blocks with Screw, Tension Spring and Push-In Connection Technologies

Catalog 2016

▲ Sales Center in Bamberg

▲ Company headquarters in Bamberg

▲ STOCKO main plant in Wuppertal

wieland group

AT HOME ALL OVER THE WORLD

Wieland Electric GmbH is a medium-sized family-run electrical and electronics company headquartered in Bamberg. Founded in 1910, Wieland is one of the pioneers of electrical connection technology.
This family business with its international outlook is a market leader in pluggable installation technology for functional buildings, with subsidiaries worldwide and production lines not only in Bamberg but also in the Czech Republic and China.
The Wieland Group, which has included STOCKO Contact GmbH & Co. KG since 1998, is therefore represented in over 70 countries and employs some 2,200 people.

Solutions for

- ***Building technology***
- ***Wind power***
- ***Machine building***
- ***Lighting technology***
- ***Heating, ventilation, air conditioning***

Product portfolio

- Electronic and electrical engineering for the control cabinet
- Safety technology
- Network and field bus systems
- Energy bus systems for industry and buildings
- Connectors up to protection type IP6X
- Building automation
- PCB terminals and plug connectors
- Sensor/actuator cabling

Industries

- Machine building
- Construction machines & cranes
- Buildings and lighting
- Logistics
- Power engineering
- Renewable energy sources
- Heating, ventilation and air conditioning systems

Business services

- Pre-assembly and wiring
- Product labeling service
- Integrated solutions inside distributors
- Customized solutions
- On-site project support
- Optimization of decentralized, pluggable installation solutions
- Certified machine safety tests

Safety training

- Software validation
- CSE certified safety engineers
- Basics and standards of functional safety
- Modification of old machines and major changes
- Design of safety functions and calculation with Sistema
- Machinery Directive, liability issues and CE conformity explanations

Software/configuration tools

- ***wieplan***, configuration of terminal strips
- ***wiemarc***, marking software for DIN rail terminal blocks
- ***revos*** configurator for connectors
- ***gesis***®PLAN for building installation
- ***podis***®PLAN for configuring the ***podis***® energy bus system
- ***samos***®PLAN5+, programming tool for ***samos***®PRO COMPACT

Why Wieland?

- Standardized industrial solutions
- Customized solutions
- Support for your project
- Broad product portfolio
- Application worldwide due to international licenses
- Group-wide observance of human rights, including at suppliers
- Eco-friendly production

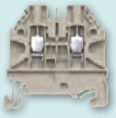
RoHS conform

EMAS GEPRÜFTES UMWELTMANAGEMENT

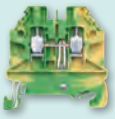
DGNB Deutsche Gesellschaft für Nachhaltiges Bauen e.V.

Wieland DIN Rail Terminal Blocks – Overview

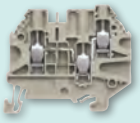
DIN rail terminal blocks with screw connection



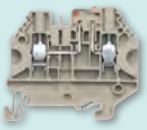
Feed-through blocks
starting at page 12



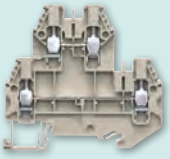
Ground blocks
starting at page 16



Duo feed-through blocks
starting at page 20

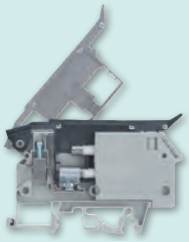


Knife edge
disconnect blocks
starting at page 20+31



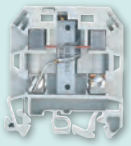
Multi-tier blocks
starting at page 22

Initiator blocks
starting at page 26



Fuse blocks
starting at page 28

DIN rail terminal blocks
with plug-in connection
starting at page 34



Function blocks
starting at page 24+38

Instrument isolating
terminals
starting at page 40

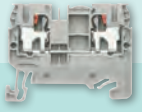
DIN rail terminal blocks
with ring lug connection
starting at page 45

High current terminal blocks
starting at page 46

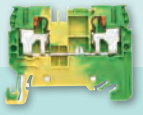
Mini blocks
starting at page 54

selos CLASSIC
starting at page 56

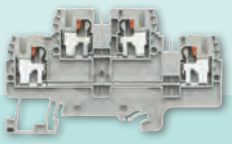
DIN rail terminal blocks with push-in connection



Feed-through blocks
starting at page 118

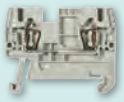


Ground blocks
starting at page 120



Duo feed-through blocks
starting at page 122

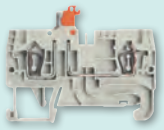
DIN rail terminal blocks with tension spring connection



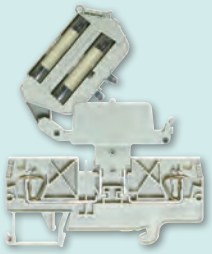
Feed-through blocks
starting at page 66

Ground blocks
starting at page 76

Duo feed-through blocks
starting at page 82



Knife edge
disconnect blocks
starting at page 92



Fuse blocks
starting at page 94

DIN rail terminal blocks
with plug-in connection
starting at page 98

Initiator blocks
starting at page 104

Mini blocks
starting at page 108

Accessories, software and service

Accessories
starting at page 124

Software
starting at page 144

Service, Facts & Data
starting at page 145

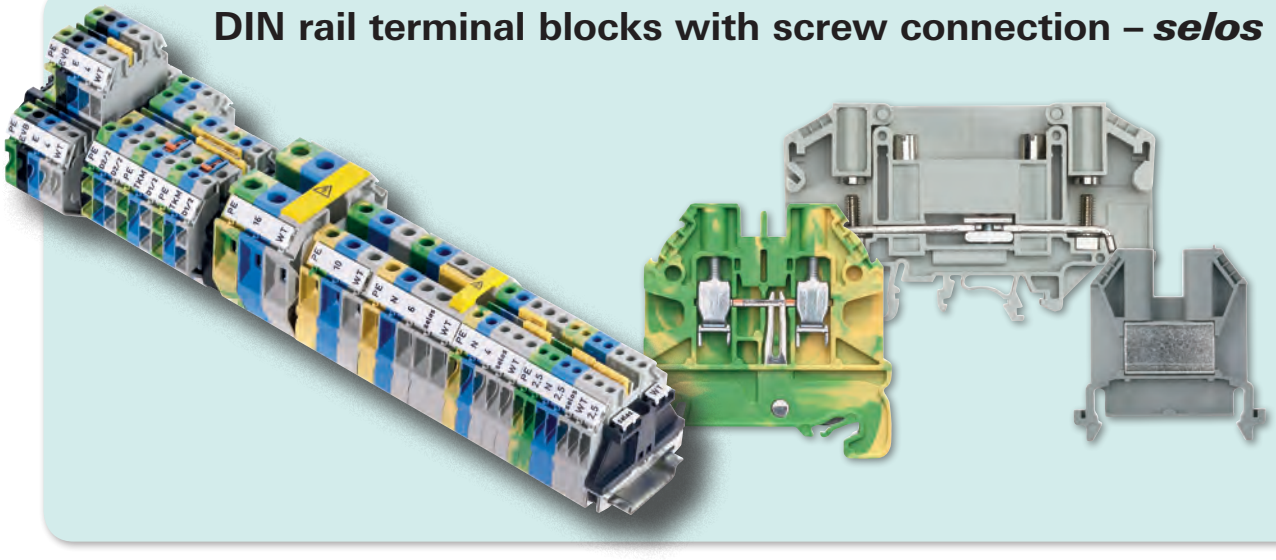
Wieland DIN Rail Terminal Blocks – One System

3 product families, **3 connection technologies** – our DIN rail terminal block program is the right choice for every installation, wherever the control cabinet is found – in machinery or plant engineering, energy technology or building installation, or with **screw**, **tension spring** or **push-in** connection.

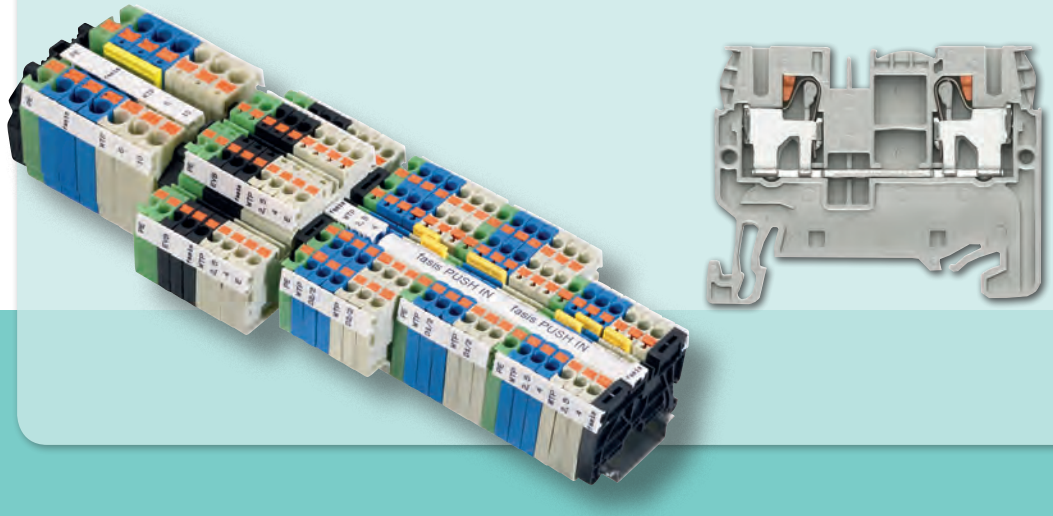
The ultimately flexible DIN rail terminal block systems ***selos*** and ***fasis*** offer optimum handling and harmonized accessories. This guarantees not only fast wiring time, but also reduces cost of inventory at your facility and in the supply chain.

Customized assembly service, customer-specific solutions and a comprehensive service portfolio match our products individually with the requirements of our customers.

DIN rail terminal blocks with screw connection – *selos*

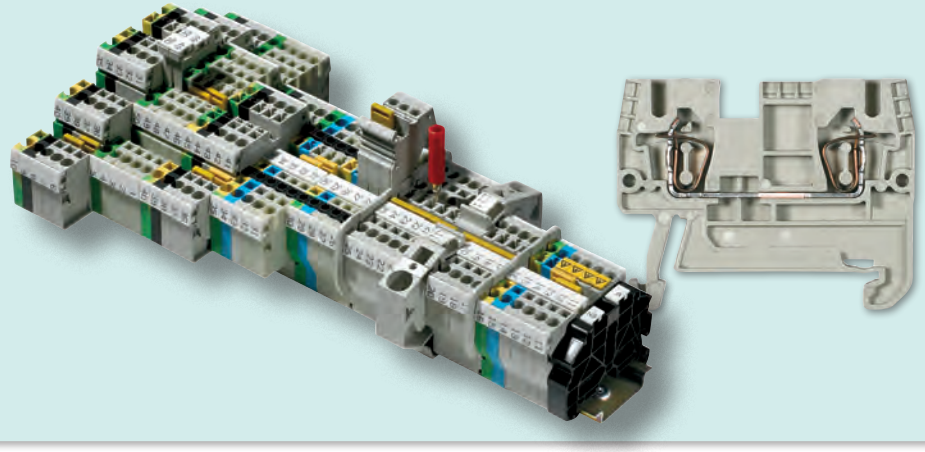


DIN rail terminal blocks with push-in connection – *fasis* WTP

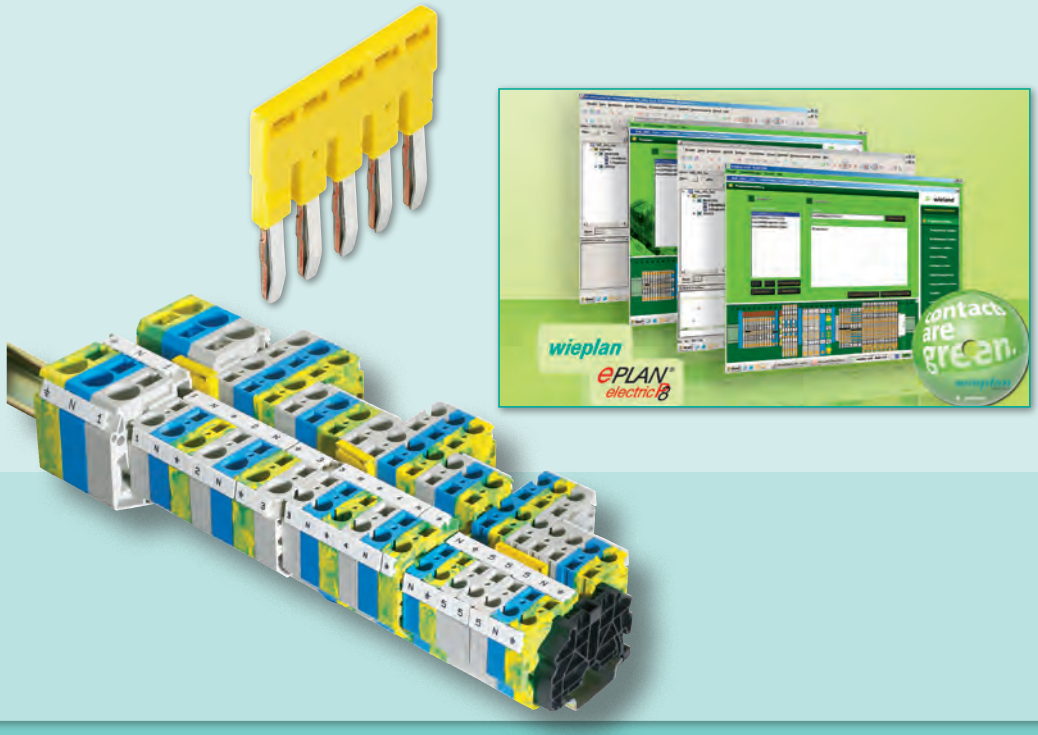


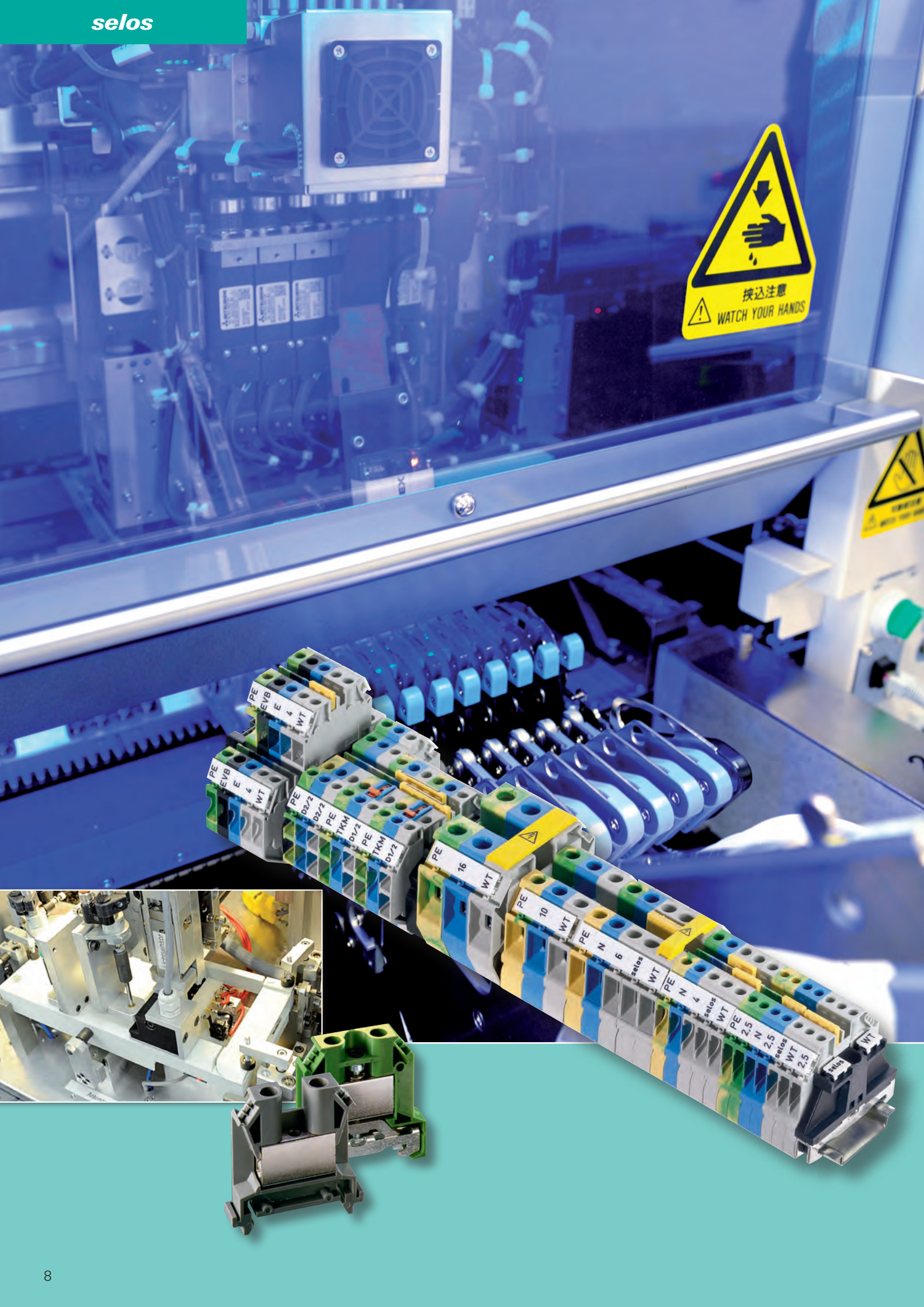
– Many Possibilities

DIN rail terminal blocks with tension spring connection – *fasis* WKFN



Accessories, software and service




按込注意
WATCH YOUR HANDS

selos – DIN Rail Terminal Blocks with **Screw Connection**

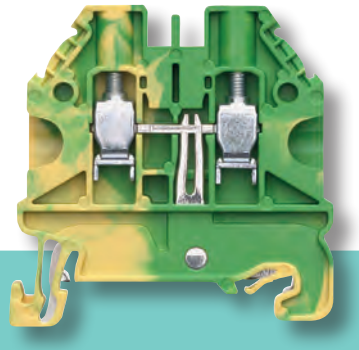
Reliable connection, proven concept! ***selos*** is our DIN rail terminal block with screw connection, solid and functional, known worldwide, and in use millions of times over.
The ***selos*** series combines the classic screw connection with modern connection technology, with the focus on customer benefits and increased efficiency in wiring and the supply chain.

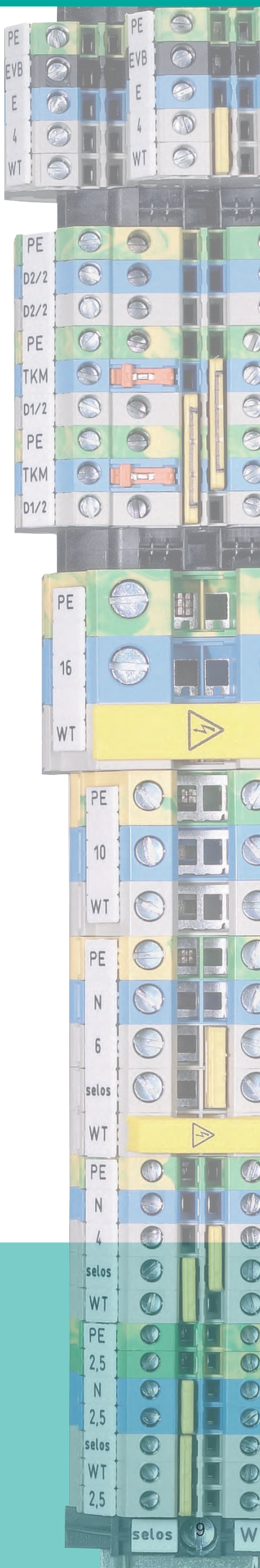
The ***selos*** CLASSIC series offers the highest-quality connecting technology. Thanks to its unique clamping body design, aluminum or copper wire connections are long-lasting and maintenance-free.

The ***selos*** product line includes feed-through and ground blocks with 2, 3 or 4 termination points, multi-tier blocks in two- and three-tier designs, knife-edge disconnect blocks and fuse blocks. In addition, specialty function blocks are available with a wide variety of diode circuits and diverse application-specific terminals, such as transformer disconnect terminals.

selos has been designed for use in machinery and plant construction as well as hazardous locations subject to explosion.

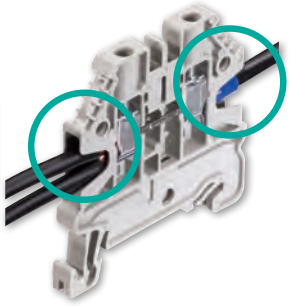
Connection cross-section up to 300 mm²
Rated current up to 520 A
Rated voltage up to 1000 V



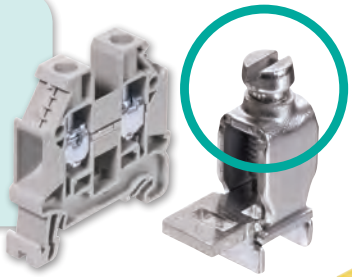


DIN Rail Terminal Blocks with Screw Connection

Simply connect
- Multi-wire connection
- Connect with or without ferrules

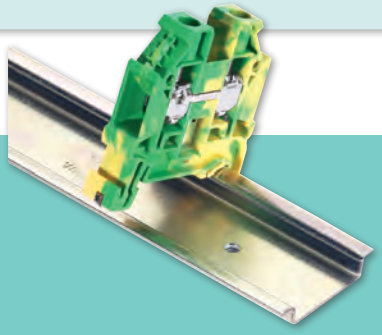


Reliable and maintenance-free
- Rugged clamping body design
- One-piece threaded collar
- Stress-free connecting and reconnecting



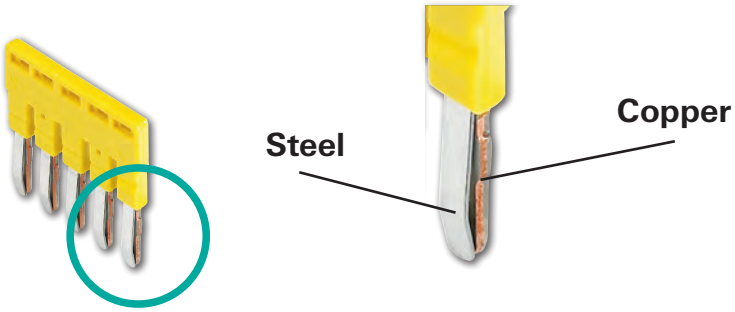
Smaller size
Uniform design
Fewer accessories

Time-saving assembly
- Snap-on screwless ground blocks



Plug & Play
- Dual jumpering channels
- Plug-in jumper bars
- Plug-in test adapter

Wieland jumpering system – Perfect technology



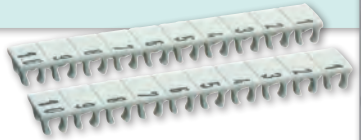
Perfect technology
- Copper current bar guarantees low contact resistance
- Steel spring guarantees strength, durability, and long-term stability

Extremely rugged!
- Indestructible steel spring
- Vibration-proof connection

Simple customization
- Individual poles easy to remove
- Circuits easy to identify

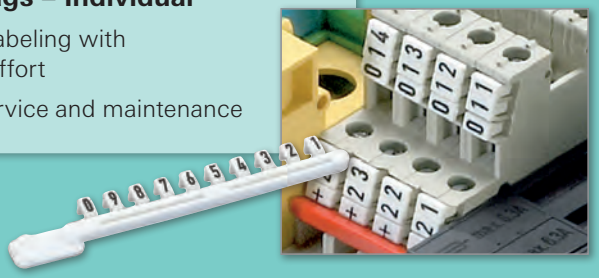
Wieland marking system – Reliable identification

Marking strips – Dependable
- Maximum hold to the terminal
- Solidify integrity of rail assembly



Endless strip – Effective
- Mounting facility for endless strips permits single step marking of entire assembly
- Continuous labeling
- Uses commercially available labeling systems

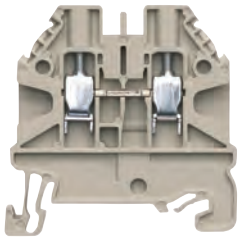
Marking tags – Individual
- Individual labeling with minimum effort
- Ideal for service and maintenance



Feed-through blocks with screw connection

WT 2,5

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Max. electrical data: 32 A/4 mm²
- Connection capacity: 2 wires, equal size
  0.14 – 1.5 mm²



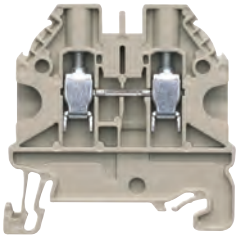
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WT 2,5	58.503.0055.0	100
Feed-through block, blue	WT 2,5 BL	58.503.0055.6	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 48 mm / 48 mm			
Wire strip length	9 mm			IECEx SEV14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.14–4 mm²			0.14–4 mm²
Cross section solid/stranded	0.14–4 mm²			0.14–4 mm²
Cross section, AWG		26–12	26–12	
Rated current	24 A	20 A	20 A	24 A
Rated voltage	1000 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 2,5-10	07.313.2555.0	10
Cross connector	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10
	10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5-20	Z7.280.8027.0	20

WT 4

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Max. electrical data: 41 A/6 mm²
- Connection capacity: 2 wires, equal size
  0.14 – 2.5 mm²



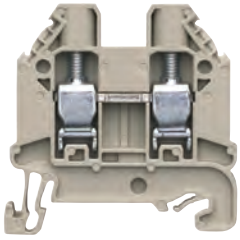
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WT 4	58.504.0055.0	100
Feed-through block, blue	WT 4 BL	58.504.0055.6	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 48 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.14–6 mm²			0.14–6 mm²
Cross section solid/stranded	0.14–6 mm²			0.14–6 mm²
Cross section, AWG		26–10	26–10	
Rated current	32 A	30 A	30 A	32 A
Rated voltage	1000 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 2,5-10	07.313.2555.0	10
Cross connector	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	3 pole	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20

WT 6

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Max. electrical data: 57 A/10 mm²
- Connection capacity: 2 wires, equal size
  0.2 – 4 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WT 6	58.506.0055.0	100
Feed-through block, blue	WT 6 BL	58.506.0055.6	100

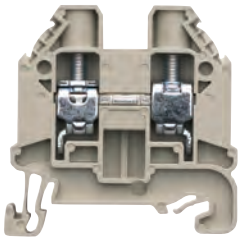
General data				
Width / length / height, incl. TS 7.5	8 mm / 48 mm / 48 mm			
Wire strip length	11 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.2–10 mm²			0.2–10 mm²
Cross section solid/stranded	0.2–10 mm²			0.2–10 mm²
Cross section, AWG		24–8	24–8	
Rated current	41 A	50 A	50 A	41 A
Rated voltage	1000 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 2,5-10	07.313.2555.0	10
Cross connector	2 pole	IVB WKFN 6-2	Z7.282.5227.0	10
	3 pole	IVB WKFN 6-3	Z7.282.5327.0	10
	4 pole	IVB WKFN 6-4	Z7.282.5427.0	10
	5 pole	IVB WKFN 6-5	Z7.282.5527.0	10

More accessories page 124 ff.

WT 10

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Max. electrical data: 76 A / 16 mm²
- Connection capacity: 2 wires, equal size
  0.5 – 6 mm²



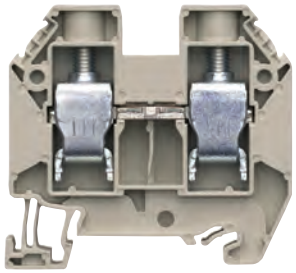
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WT 10	58.510.0055.0	50
Feed-through block, blue	WT 10 BL	58.510.0055.6	50

General data				
Width / length / height, incl. TS 7.5	10 mm / 48 mm / 48 mm			
Wire strip length	13 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.5–16 mm²			0.5–16 mm²
Cross section solid/stranded	0.5–16 mm²			0.5–16 mm²
Cross section, AWG		20–6	20–6	
Rated current	57 A	65 A	65 A	57 A
Rated voltage	1000 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 2,5-10	07.313.2555.0	10
Cross connector	2 pole	IVB WKF 10-2	Z7.283.8227.0	10

WT 16

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Max. electrical data: 101 A / 25 mm²
- Connection capacity: 2 wires, equal size
  2.5 – 10 mm²

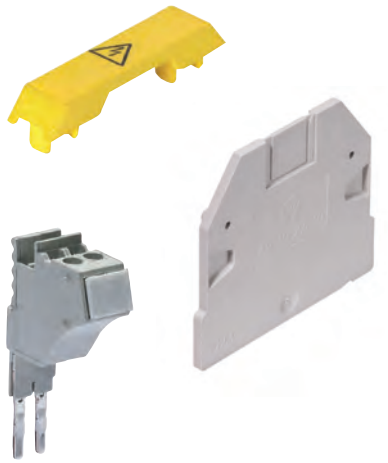


Description	Type	Part No.	Std. Pack
Feed-through block, gray	WT 16	58.516.0055.0	50
Feed-through block, blue	WT 16 BLAU	58.516.0055.6	50

General data				
Width / length / height, incl. TS 7.5	12 mm / 58 mm / 54mm			
Wire strip length	15 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	4–25 mm²			4–25 mm²
Cross section solid/stranded	1.5–25 mm²			1.5–25 mm²
Cross section, AWG		16–4	14–4	
Rated current	76 A	85 A	85 A	76 A
Rated voltage	1000 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 16	07.313.2755.0	10
Cross connector	2 pole	IVB WKF 16-2	Z7.284.4227.0	10

Accessories for *selos* WT 2,5 – WT 16



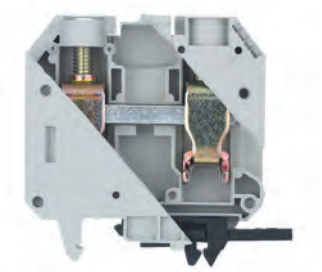
Accessories		Type	Part No.	Std. Pack
Cover with warning symbol	for WT 2,5	AD WT 2,5	04.344.1455.8	10
	for WT 4	AD WT 4	04.344.1655.8	10
	for WT 6	AD WT 6/10	04.344.1855.8	10
	for WT 10	AD WT 6/10	04.344.1855.8	10
	for WT 16	AD WT 16	04.344.2255.8	10
Partition for WT 2,5 – WT 10		TW WT 2,5-10	07.313.2655.0	10
Partition for WT 16		TW WT 4E	07.313.2855.0	10
Test adapter modular for WT 2,5 and 4		PS WKC/F	Z1.299.9753.0	10
End plate for test adapter *		ZP/AP PS	07.312.6053.0	10

* for WT4 an end cover plate must be snapped in after each test connector

Feed-through blocks with screw connection

WKN 35/U

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 35 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149
- Enclosed design



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKN 35/U	57.535.0155.0	20
Feed-through block Exi, blue	WKN 35/U BLAU	57.535.0155.6	20

General data				
Width / length / height, incl. TS 7.5	16 mm / 71 mm / 68 mm			
Wire strip length	18 mm			IECEx SEV 15.0002 U
Approvals				SEV 15 ATEX 0108 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	10–35 mm²	10–1/0 AWG	10–1/0 AWG	10–35 mm²
Cross section solid/stranded	10–50 mm²			10–50 mm²
Rated current	125 A	150 A	150 A	125 A
Rated voltage	800 V *)	600 V	600 V	690 V 1)
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
Partition, gray		TWN 35	07.311.7855.0	10
Cross connector with screws, insulated	2 pole	IVB WKN 35 - 2	Z7.285.2227.0	5
	3 pole	IVB WKN 35 - 3	Z7.285.2327.0	5
	up to 6 pole	IVB WKN 35 - 6	Z7.285.2627.0	5
	up to 12 pole	IVB WKN 35 - 12	Z7.285.3227.0	5
Single cover with marking facility		AD VB 35 GELB	04.326.2553.8	10
Cover with warning symbol over 4 blocks		AD VB 16/4 GELB	04.343.5256.8	10

*) higher voltage upon request

WKN 70/U

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 70 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149
- Enclosed design

Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKN 70/U	57.570.0155.0	20
Feed-through block Exi, blue	WKN 70/U BLAU	57.570.0155.6	20

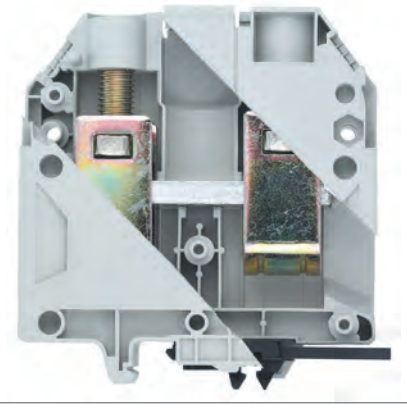
General data				
Width / length / height, incl. TS 7.5	24 mm / 77 mm / 81 mm			
Wire strip length	24 mm			IECEx SEV 15.0002 U
Approvals				SEV 15 ATEX 0108 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	10–70 mm²	6–2/0 AWG	6–2/0 AWG	10–70 mm²
Cross section solid/stranded	16–95 mm²			16–95 mm²
Rated current	192 A	175/175 A	170 A	192 A
Rated voltage	800 V *)	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
Partition, gray		TWN 70	07.311.7955.0	10
Cross connector with screws, insulated	2 pole	VB WKN 70 - 2	Z7.286.3227.0	10
	3 pole	VB WKN 70 - 3	Z7.286.3327.0	10
	up to 6 pole	VB WKN 70 - 6	Z7.286.3627.0	10
Single cover with marking facility		AD VB 70 GELB	04.326.2653.8	10
Cover with warning symbol over 4 blocks		AD VB 24/4 GELB	04.343.5356.8	10

*) higher voltage upon request

WKN 150/U

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 150 mm2
- Ex e I/II Ⓔx II GD IM2
  Follow the EX installation instructions on page 149
- Enclosed design



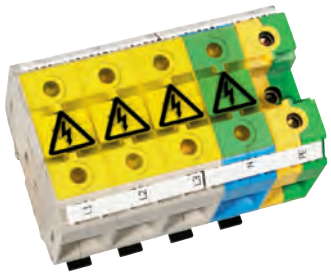
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKN 150/U	57.597.0155.0	10
Feed-through block Exi, blue	WKN 150/U BLAU	57.597.0155.6	10

General data				
Width / length / height, incl. TS 7.5	28 mm / 96 mm / 99 mm			
Wire strip length	30 mm			IECEx SEV 15.0002 U
Approvals				SEV 15 ATEX 0108 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	35–150 mm²	2/0 AWG-350 kcmil	2/0 AWG-350 kcmil	35–150 mm²
Cross section solid/stranded	35–185 mm²			35–185 mm²
Rated current	309 A	335/335 A	365 A	309 A
Rated voltage	1000 V	600 V	1000 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
Partition, gray				
Cross connector with screws, insulated	2 pole	VB WKN 150 - 2	Z7.287.1227.0	5
	3 pole	VB WKN 150 - 3	Z7.287.1327.0	5
	up to 6 pole	VB WKN 150 - 6	Z7.287.1627.0	5
Cover with warning symbol over 4 blocks		AD VB 28/4 GELB	04.343.5456.8	10

More accessories page 124 ff.

Supply set



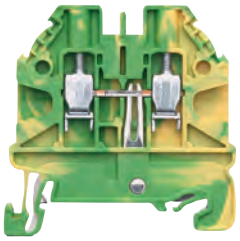
Description	Type	Part No.	Std. Pack
Supply set	WKN 70 3D/N/SL/U	57.570.9855.0	1
Supply set	WKN 70 3D/2N/SL/U	57.570.9955.0	1
Supply set	WKN 150/70 3D/N/SL/U	57.597.9855.0	1
Supply set	WKN 150/3D/N/U	57.597.9955.0	1

[1] For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be enclosed by partitions

Ground blocks with screw connection

WT 2,5 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  0.14 – 1.5 mm²



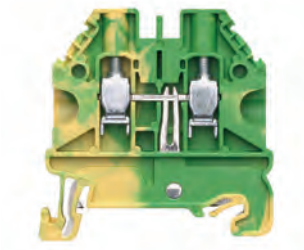
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WT 2,5 PE	58.503.9055.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 48 mm / 48 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			
Cross section fine-stranded	0.14–4 mm²			0.14–4 mm²
Cross section solid/stranded	0.14–4 mm²			0.14–4 mm²
Cross section, AWG		26–12	26–12	
Rated current				
Rated voltage	1000 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate	AP WT 2,5 - 10	07.313.2555.0	10

WT 4 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  0.14 – 2.5 mm²



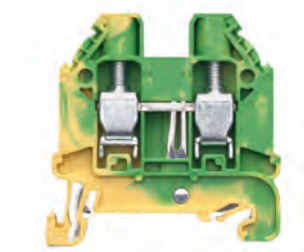
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WT 4 PE	58.504.9055.0	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 48 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			
Cross section fine-stranded	0.14–6 mm²			0.14–6 mm²
Cross section solid/stranded	0.14–6 mm²			0.14–6 mm²
Cross section, AWG		26–10	26–10	
Rated current				
Rated voltage	1000 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate	AP WT 2,5 - 10	07.313.2555.0	10

WT 6 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  0.2 – 4 mm²



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WT 6 PE	58.506.9055.0	100

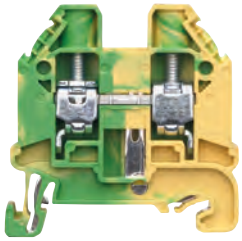
General data				
Width / length / height, incl. TS 7.5	8 mm / 48 mm / 48 mm			
Wire strip length	11 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			
Cross section fine-stranded	0.2–10 mm²			0.2–10 mm²
Cross section solid/stranded	0.2–10 mm²			0.2–10 mm²
Cross section, AWG		24–8	24–8	
Rated current				
Rated voltage	1000 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate	AP WT 2,5 - 10	07.313.2555.0	10

More accessories page 124 ff.

WT 10 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  0.5 – 6 mm²



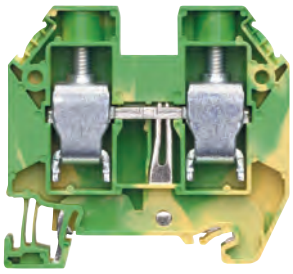
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WT 10 PE	58.510.9055.0	50

General data				
Width / length / height, incl. TS 7.5	10 mm / 48 mm / 48 mm			
Wire strip length	13 mm			IEC Ex SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			
Cross section fine-stranded	0.5 – 16 mm²			0.5 – 16 mm²
Cross section solid/stranded	0.5 – 16 mm²			0.5 – 16 mm²
Cross section, AWG		20 – 6	20 – 6	
Rated current				
Rated voltage	1000 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate	AP WT 2,5 - 10	07.313.2555.0	10

WT 16 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  2.5 – 10 mm²



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WT 16 PE	58.516.9055.0	100

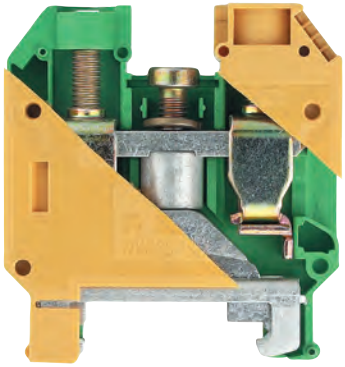
General data				
Width / length / height, incl. TS 7.5	12 mm / 58 mm / 54 mm			
Wire strip length	15 mm			IEC Ex SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			
Cross section fine-stranded	4 – 25 mm²			4 – 25 mm²
Cross section solid/stranded	1.5 – 25 mm²			1.5 – 25 mm²
Cross section, AWG		16 – 4	14 – 4	
Rated current				
Rated voltage	1000 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate	AP WT 16	07.313.2755.0	10

Ground blocks with screw connection

WKN 35 SL

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 35 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149
- Enclosed design

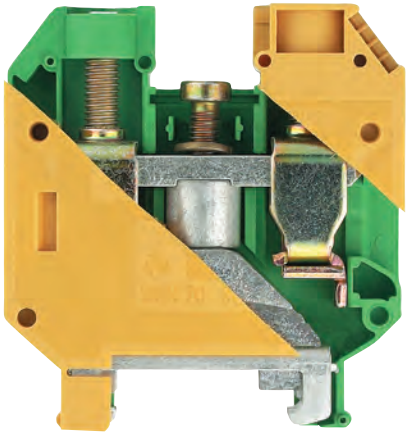


Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKN 35 SL	57.535.9055.0	20

General data				
Width / length / height, incl. TS 7.5	16 mm / 63 mm / 68 mm			
Wire strip length	20 mm			IECEx SEV 15.0002 U
Approvals				SEV 15 ATEX 0108 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	10–35 mm²			10–35 mm²
Cross section solid/stranded	10–50 mm²			10–50 mm²
Cross section, AWG		10–2	10–2	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

WKN 70 SL

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 70 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149
- Enclosed design



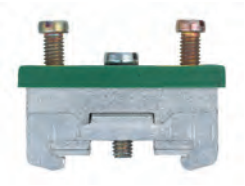
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKN 70 SL	57.570.9055.0	20

General data				
Width / length / height, incl. TS 7.5	24 mm / 75 mm / 81 mm			
Wire strip length	24 mm			IECEx SEV 15.0002 U
Approvals				SEV 15 ATEX 0108 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	10–70 mm²			10–70 mm²
Cross section solid/stranded	16–95 mm²			16–95 mm²
Cross section, AWG		6–2/0	6–2/0	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

More accessories page 124 ff.

9700 A/35 E S 35

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 35 mm²



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	9700 A/35 E S 35	Z2.302.0621.0	25

General data			
Width / length / height, incl. TS 7.5	17 mm / 56 mm / 35 mm		
Wire strip length			
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-2		
Cross section fine-stranded	35 mm²		
Cross section solid/stranded	50 mm²		
Cross section, AWG		8–2	
Rated current			
Rated voltage		600 V	
Rated impulse voltage			
Pollution degree			

9700 A/70 E S 35

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 70 mm²

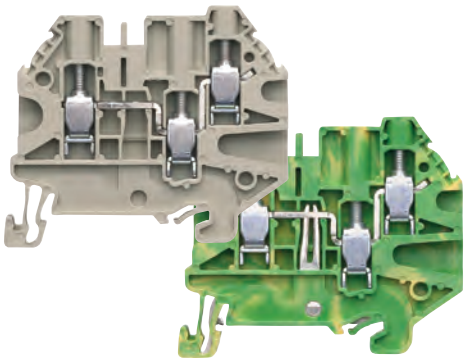
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	9700 A/70 E S 35	Z2.302.0421.0	10

General data			
Width / length / height, incl. TS 7.5	25 mm / 57 mm / 57 mm		
Wire strip length			
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-2		
Cross section fine-stranded	70 mm²		
Cross section solid/stranded	120 mm²		
Cross section, AWG		6–2/0	6–2/0
Rated current			
Rated voltage		600 V	
Rated impulse voltage			
Pollution degree			

Duo feed-through and duo-ground blocks with screw connection

WT 4 D1/2 | WT 4 D 1/2 PE

- Duo feed-through block / duo-ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Max. electrical data: 41 A/6 mm²
- Connection capacity: 2 wires, equal size 0.14 – 2.5 mm²



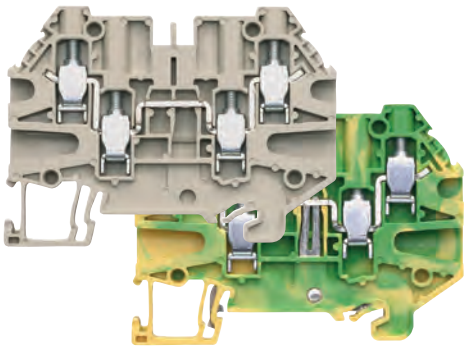
Description	Type	Part No.	Std. Pack
Duo feed-through block, gray	WT 4 D1/2	58.504.5055.0	100
Duo feed-through block, blue	WT 4 D1/2 BL	58.504.5055.6	100
Duo-ground block, green/yellow	WT 4 D1/2 PE	58.504.9355.0	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 56 mm / 50 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.14–6 mm²			0.14–6 mm²
Cross section solid/stranded	0.14–6 mm²			0.14–6 mm²
Cross section, AWG		26–10	26–10	
Rated current	32 A	30 A	30 A	32 A
Rated voltage	500 V	300 V	300 V	550 V
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 4 D1/2	07.313.2955.0	10
Partition		TW WT 4 E	07.313.2855.0	10
Cross connector	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	3 pole	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	10 pole	IVB WKF 4-10	Z7.261.2027.0	10

WT 4 D2/2 | WT 4 D2/2 PE

- Duo feed-through block / duo-ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Max. electrical data: 41 A/6 mm²
- Connection capacity: 2 wires, equal size 0.14 – 2.5 mm²



Description	Type	Part No.	Std. Pack
Duo feed-through block, gray	WT 4 D2/2	58.504.5155.0	100
Duo feed-through block, blue	WT 4 D2/2 BLAU	58.504.5155.6	100
Duo-ground block, green/yellow	WT 4 D2/2 PE	58.504.9155.0	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 68 mm / 50 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.14–6 mm²			0.14–6 mm²
Cross section solid/stranded	0.14–6 mm²			0.14–6 mm²
Cross section, AWG		26–10	26–10	
Rated current	32 A	30 A	30 A	32 A
Rated voltage	500 V	300 V	300 V	440 V
Rated impulse voltage	6 kV			
Pollution degree	3			

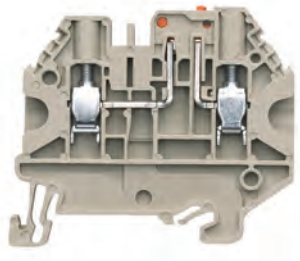
Accessories		Type	Part No.	Std. Pack
End plate		AP WT 4 D2/2	07.313.3155.0	10
Partition		TW WT 4 E	07.313.2855.0	10
Cross connector	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	3 pole	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	10 pole	IVB WKF 4-10	Z7.261.2027.0	10

More accessories page 124 ff.

Knife edge disconnect and fuse blocks with screw connection

WT 2,5 TKM...

- Knife edge disconnect block for mounting on TS 35
- Nominal cross section 2,5 mm²
- Connection capacity: 2 wires, equal size 0,14 – 1,5 mm²



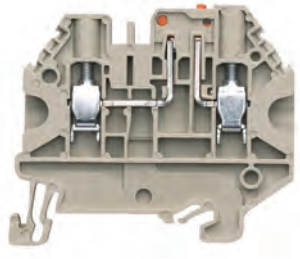
Description	Type	Part No.	Std. Pack
Knife edge disconnect block, gray	WT 2,5 TKM	58.503.2055.0	100
Knife edge disconnect block, blue	WT 2,5 TKM BL	58.503.2055.6	100
with 2 test bolts, gray	WT 2,5 TKM P	58.503.2355.0	100
Feed-through block, identically-shaped, gray	WT 2,5 TKM D	58.503.2155.0	100
Feed-through block, identically-shaped, blue	WT 2,5 TKM D BL	58.503.2155.6	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 56 mm / 50 mm			
Wire strip length	9 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	
Cross section fine-stranded	0.14–4 mm²	pending	pending	
Cross section solid/stranded	0.14–4 mm²			
Cross section, AWG				
Rated current	20 A			
Rated voltage	500 V			
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 4 D1/2	07.313.2955.0	10
Partition		TW WT 4 E	07.313.2855.0	10
Cross connector	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10
	5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10
	10 pole	IVB WKF 2,5-10	Z7.280.7027.0	10
	20 pole	IVB WKF 2,5-20	Z7.280.8027.0	10

WT 4 TKM...

- Knife edge disconnect block for mounting on TS 35
- Nominal cross section 4 mm²
- Connection capacity: 2 wires, equal size 0,14 – 2,5 mm²



Description	Type	Part No.	Std. Pack
Knife edge disconnect block, gray	WT 4 TKM	58.504.2055.0	100
Knife edge disconnect block, blue	WT 4 TKM BL	58.504.2055.6	100
with 2 test bolts, gray	WT 4 TKM P	58.504.2355.0	100

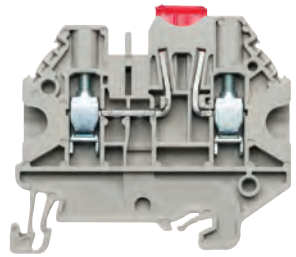
General data				
Width / length / height, incl. TS 7.5	6 mm / 56 mm / 50 mm			
Wire strip length	9 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	
Cross section fine-stranded	0.14–6 mm²			
Cross section solid/stranded	0.14–6 mm²			
Cross section, AWG		26–10	26–10	
Rated current	24 A	16 A	16 A	
Rated voltage	500 V	300 V	300 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 4 D1/2	07.313.2955.0	10
Partition		TW WT 4 E	07.313.2855.0	10
Cross connector	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	10 pole	IVB WKF 4-10	Z7.261.2027.0	10

WT 4 FSI

- Fuse block for automobile fuses (mini) for mounting on TS 35
- Nominal cross section 4 mm²
- Connection capacity: 2 wires, equal size 0,14 – 2,5 mm²

[1] Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com
[2] determined by the fuse inserted



Description	Type	Part No.	Std. Pack
Fuse block, gray	WT 4 FSI	58.504.4155.0	100

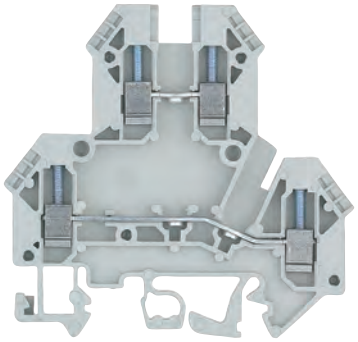
General data				
Width / length / height, incl. TS 7.5	6 mm / 56 mm / 50 mm			
Wire strip length	9 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	
		pending	pending	
Cross section fine-stranded	0.14–6 mm²			
Cross section solid/stranded	0.14–6 mm²			
Cross section, AWG				
Rated current	max. 20 A [1]			
Rated voltage	[2]			
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 4 D1/2	07.313.2955.0	10
Partition		TW WT 4 E	07.313.2855.0	10
Cross connector	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	10 pole	IVB WKF 4-10	Z7.261.2027.0	10

Multi-tier blocks with screw connection

WKN 2,5 E/U

- Multi-tier block for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149
- Class I, Zone 1, AEx, e, II, T6

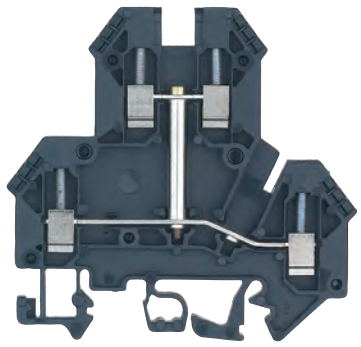


Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKN 2,5 E/U	57.403.7055.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 66 mm / 64 mm			
Wire strip length	8 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.5–2.5 mm²			
Cross section solid/stranded	0.5–4 mm²			
Cross section, AWG		22–12	24–12	22–12
Rated current	24 A	20 A	25 V	20 A
Rated voltage	500 V	600 V	600 V	600 V
Rated impulse voltage	6 A			
Pollution degree	3			

WKN 2,5 E/U/VB

- Multi-tier block, vertically jumpered, with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149
- Class I, Zone 1, AEx, e, II, T6



Description	Type	Part No.	Std. Pack
Multi-tier block, black	WKN 2,5 E/U/VB	57.403.6955.1	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 66 mm / 64 mm			
Wire strip length	8 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.5–2.5 mm²			
Cross section solid/stranded	0.5–4 mm²			
Cross section, AWG		22–12	24–12	22–12
Rated current	24 A	20 A	25 A	20 A
Rated voltage	500 V	600 V	600 V	600 V
Rated impulse voltage	6 A			
Pollution degree	3			

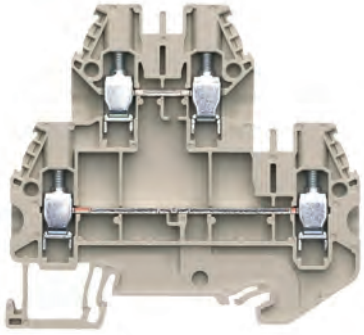
Accessories for *selos* WKN 2,5 E/U...

Accessories		Type	Part No.	Std. Pack
End plate	gray	APN 2,5 E	07.312.1755.0	10
Partition	gray	TWN 2,5 E	07.312.1855.0	10
Cross connector with screws,	2 pole	IVB WK 2,5 - 2	Z7.280.2227.0	10
insulated	3 pole	IVB WK 2,5 - 3	Z7.280.2327.0	10
	up to 12 pole	IVB WK 2,5 - 12	Z7.280.3227.0	10
Partition plate with marking facility	yellow	TS 2,5 GELB	07.311.2053.8	10
Single cover with marking facility	yellow	AD VB 2,5 GELB	04.326.2053.8	10
Cover with warning symbol over 4 blocks			04.343.4756.8	10

More accessories page 124 ff.

WT 4 E

- Multi-tier block for mounting on TS 35
- Nominal cross section 4 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  0.14 – 2.5 mm²



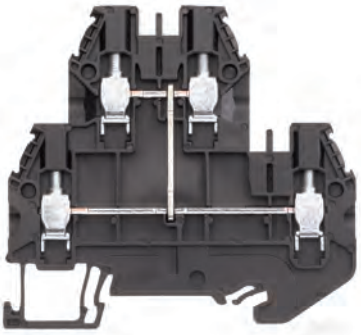
Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WT 4 E	58.504.7055.0	100
Multi-tier block, blue	WT 4 E BL	58.504.7055.6	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 72 mm / 67 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.14–6 mm²			0.14–6 mm²
Cross section solid/stranded	0.14–6 mm²			0.14–6 mm²
Cross section, AWG		26–10	26–10	
Rated current	32 A	30 A	30 A	32 A
Rated voltage	800 V	300 V	300 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 4 E	07.313.3355.0	10
Partition		TW WT 4 E	07.313.2855.0	10
Cross connector	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	3 pole	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	10 pole	IVB WKF 4-10	Z7.261.2027.0	10

WT 4 E VB

- Multi-tier block, vertically jumpered, with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  0.14 – 2.5 mm²



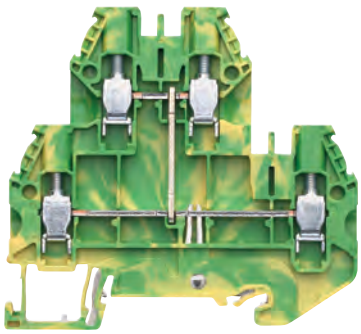
Description	Type	Part No.	Std. Pack
Multi-tier block, black	WT 4 E VB	58.504.6955.1	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 72 mm / 67 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			
Cross section fine-stranded	0.14–6 mm²			0.14–6 mm²
Cross section solid/stranded	0.14–6 mm²			0.14–6 mm²
Cross section, AWG		26–10	26–10	
Rated current	32 A	30 A	30 A	32 A
Rated voltage	800 V	300 V	300 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate		AP WT 4 E	07.313.3355.0	10
Partition		TW WT 4 E	07.313.2855.0	10
Cross connector	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	3 pole	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	10 pole	IVB WKF 4-10	Z7.261.2027.0	10

WT 4 E PE

- Multi-tier ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ⓔx II 2G 2D Ex eb IIC
  EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0
  EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4
  Follow the EX installation instructions on page 149
- Connection capacity: 2 wires, equal size
  0.14 – 2.5 mm²



Description	Type	Part No.	Std. Pack
Muli-tier ground block, green/yellow	WT 4 E PE	58.504.9255.0	100

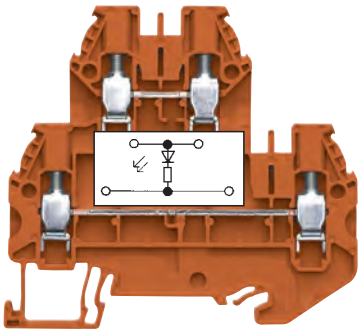
General data				
Width / length / height, incl. TS 7.5	6 mm / 72 mm / 67 mm			
Wire strip length	9 mm			IECEx SEV 14.0004 U
Approvals	ATEX IECEx			SEV 14 ATEX 0124 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			
Cross section fine-stranded	0.14–6 mm²			0.14–6 mm²
Cross section solid/stranded	0.14–6 mm²			0.14–6 mm²
Cross section, AWG			26–10	
Rated current				
Rated voltage	800 V		300 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate	AP WT 4 E	07.313.3355.0	10

Specialty function blocks with screw connection

WT 4 E...

- Function block with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Connection capacity: 2 wires, equal size 0.14 – 2.5 mm²



Description	Type	Part No.	Std. Pack
Function block, orange	WT 4 E...	58.504.XX55.9	100

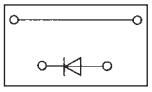
General data			
Width / length / height, incl. TS 7.5	6 mm / 72 mm / 67 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1/-2		
Cross section fine-stranded	0.14–6 mm²		
Cross section solid/stranded	0.14–6 mm²		
Cross section, AWG		26–10	26–10
Rated current			
Rated voltage			
Rated impulse voltage			
Pollution degree			

Accessories	Type	Part No.	Std. Pack
End plate, gray	AP WT 4 E	07.313.3355.0	10

Examples of functions

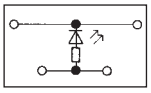
The multi-tier block is available on request as a function block for a wide variety of switching tasks.

58.504.8355.9
58.504.8055.9 with inverted diode



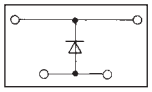
400 V
1 A/1000 V

58.504.7455.9 LED red



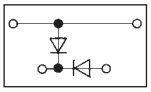
24 V DC
R = 4,7 K
0,4 W

58.504.8255.9
58.504.8155.9 with inverted diode



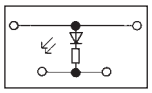
400 V
1 A/1000 V

58.504.7955.9
58.504.8855.9 with inverted diodes



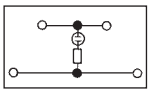
1 A/400 V

58.504.7255.9 LED red
58.504.8755.9 LED green



24 V DC
R = 4,7 K
0,4 W

58.504.7355.9



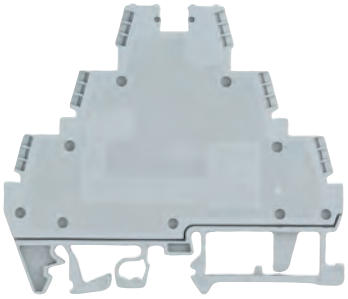
U = 100-500 V

More accessories page 124 ff.

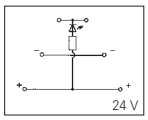
Three-tier-/Initiator blocks with screw connection

WK 2,5-3 D/U

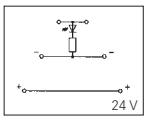
- Multi-tier block for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm²



WK 2,5 - 3 D/U-NGN



WK 2,5 - 3 D/U-PGN



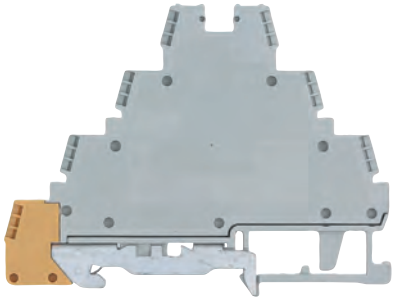
Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WK 2,5 - 3 D/U	57.503.8855.0	50
Multi-tier bl., LED (green) betw. signal and +	WK 2,5 - 3 D/U-NGN	57.503.8955.0	50
Multi-tier bl., LED (green) betw. signal and –	WK 2,5 - 3 D/U-PGN	57.503.9055.0	50

General data			
Width / length / height, incl. TS 7.5	6 mm / 79 mm / 69 mm		
Wire strip length	7 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	22–12
Rated current	24 A	25 A	25 A
Rated voltage	400 V*	300 V*	300 V*
Rated impulse voltage	6 kV		
Pollution degree	3		

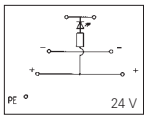
Accessories	Type	Part No.	Std. Pack
Partition, gray	TW 2,5 - 3 D/U	07.312.1255.0	50

WK 2,5-3 D/SL

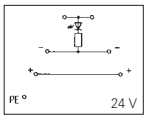
- Multi-tier block for mounting on TS 35
- Nominal cross section 2,5 mm²



WK 2,5 - 3 D SL-NGN



WK 2,5 - 3 D SL-PGN



Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WK 2,5 - 3 D SL	56.503.8355.0	50
Multi-tier bl., LED (green) betw. signal and +	WK 2,5 - 3 D SL-NGN	56.503.8455.0	50
Multi-tier bl., LED (green) betw. signal and –	WK 2,5 - 3 D SL-PGN	56.503.8555.0	50

General data			
Width / length / height, incl. TS 7.5	6 mm / 79 mm / 69 mm		
Wire strip length	7 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	22–12
Rated current	24 A	25 A	25 A
Rated voltage	400 V*	300 V*	300 V*
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
Partition, gray	TW 2,5 - 3 D/U	07.312.1255.0	50

Accessories for *selos* WK 2,5-3 D/...

- The use of cross connectors (jumper combs), requires partitions in order to maintain the air and creepage distances.

* 24 V⎓ with LED

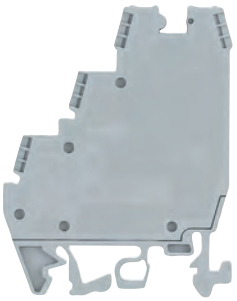
Accessories		Type	Part No.	Std. Pack
Cross connector with screws, insulated, for upper level	2 pole	IVB WK/3D-02	Z7.270.0227.0	10
	3 pole	IVB WK/3D-03	Z7.270.0327.0	10
	up to 12 pole	IVB WK/3D-12	Z7.270.1227.0	10
Jumper comb, angled, insulated (red), for lower level	2 pole	IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10
	3 pole	IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10
	up to 12 pole	IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10
Jumper comb, angled, insulated (blue), for lower level	2 pole	IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10
	3 pole	IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10
	up to 12 pole	IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10

Technical information see *facts* & DATA page 146 ff.

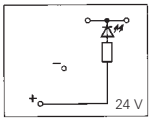
Initiator blocks with screw connection

WK 2,5-4 KI/U

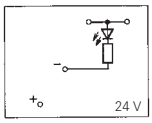
- Initiator block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm²



WK 2,5 - 4 KI/U-NGN



WK 2,5 - 4 KI/U-PGN



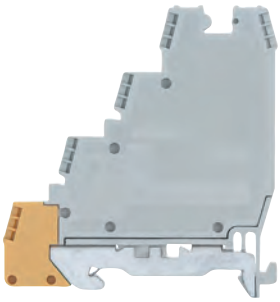
Description	Type	Part No.	Std. Pack
Initiator block, gray	WK 2,5 - 4 KI/U	57.503.7855.0	100
Multi-tier bl., LED (green) betw. signal and +	WK 2,5 - 4 KI/U-NGN	57.503.7955.0	100
Multi-tier bl., LED (green) betw. signal and –	WK 2,5 - 4 KI/U-PGN	57.503.8055.0	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 53 mm / 69 mm		
Wire strip length	7 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1 DIN VDE 0611 T1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	22–12
Rated current	24 A	25 A	25 A
Rated voltage	250 V*	300 V*	300 V*
Rated impulse voltage	4 kV		
Pollution degree	3		

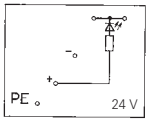
Accessories	Type	Part No.	Std. Pack
Partition, gray	TW 2,5 - 4 K/U	07.312.0555.0	10

WK 2,5-4 KI/SL

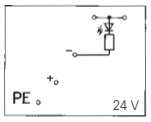
- Initiator block with screw connection for mounting on TS 35
- Nominal cross section 2.5 mm²



WK 2,5 - 4 KI SL-NGN



WK 2,5 - 4 KI SL-PGN
WK 2,5 - 4 KI SL-PRT



Description	Type	Part No.	Std. Pack
Initiator block, gray	WK 2,5 - 4 KI SL	56.503.7355.0	100
Multi-tier bl., LED (green) betw. signal and +	WK 2,5 - 4 KI SL-NGN	56.503.7455.0	100
Multi-tier bl., LED (green) betw. signal and –	WK 2,5 - 4 KI SL-PGN	56.503.7555.0	100
Multi-tier bl., LED (red) betw. signal and –	WK 2,5 - 4 KI SL-PRT	56.503.7655.0	100

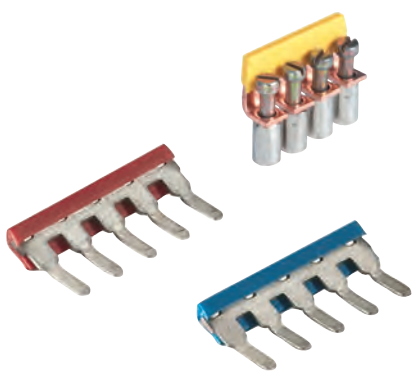
General data			
Width / length / height, incl. TS 7.5	6 mm / 64 mm / 69 mm		
Wire strip length	7 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1 DIN VDE 0611 T1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	22–12
Rated current	24 A	25 A	25 A
Rated voltage	250 V*	300 V*	300 V*
Rated impulse voltage	4 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
Partition, gray	TW 2,5 - 4 K/U	07.312.0555.0	10

Accessories for *selos* WK 2,5-4 KI/...

- The use of cross connectors (jumper combs), requires partitions in order to maintain the air and creepage distances.

* 24 V⎓ with LED



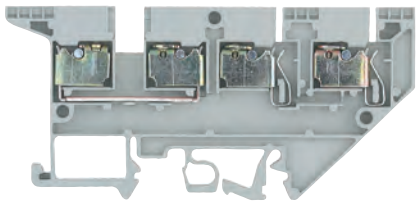
Accessories		Type	Part No.	Std. Pack
Cross connector with screws,	2 pole	IVB WK/3D-02	Z7.270.0227.0	10
insulated, for upper level	3 pole	IVB WK/3D-03	Z7.270.0327.0	10
	up to 12 pole	IVB WK/3D-12	Z7.270.1227.0	10
Jumper comb, angled,	2 pole	IVB WK 2,5-K-2 ROT	Z7.267.0227.5	10
insulated (red), for lower level	3 pole	IVB WK 2,5-K-3 ROT	Z7.267.0327.5	10
	up to 12 pole	IVB WK 2,5-K-12 ROT	Z7.267.1227.5	10
Jumper comb, angled,	2 pole	IVB WK 2,5-K-2 BLAU	Z7.267.0227.6	10
insulated (blue), for lower level	3 pole	IVB WK 2,5-K-3 BLAU	Z7.267.0327.6	10
	up to 12 pole	IVB WK 2,5-K-12 BLAU	Z7.267.1227.6	10

More accessories page 124 ff.

Initiator blocks with screw connection

WK 2,5-4 KOI/U

- Initiator block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm²



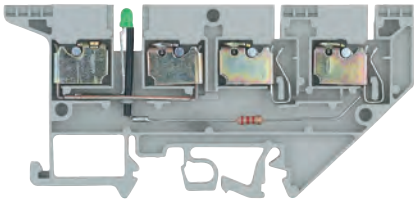
Description	Type	Part No.	Std. Pack
Initiator block, gray	WK 2,5-4 KOI/U	57.503.7055.0	50

General data			
Width / length / height, incl. TS 7.5	5 mm / 92 mm / 45 mm		
Wire strip length	10 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	22–12
Rated current, feed-through	16 A	20/30 A	25 A
Rated voltage	400 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
Cross connector with screws,	2 pole	VB WK 2,5-2	Z7.280.0227.0	10
for signal feed through	3 pole	VB WK 2,5-3	Z7.280.0327.0	10
	up to 6 pole	VB WK 2,5-6	Z7.280.0627.0	10

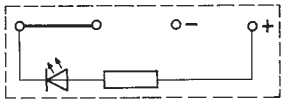
WK 2,5-4 KOI/U-NGN
WK 2,5-4 KOI/U-PGN

- Initiator block with screw connection for mounting on TS 35 and TS 32
- **NGN:** With LED (green) between signal and plus
  PNG: Wit LED (green) between signal and minus
- Nominal cross section 2.5 mm²

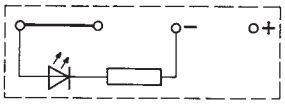


Description	Type	Part No.	Std. Pack
Initiator block, gray	WK 2,5-4 KOI/U-NGN	57.503.7155.0	50
Initiator block, gray	WK 2,5-4 KOI/U-PGN	57.503.7255.0	50

General data			
Width / length / height, incl. TS 7.5	5 mm / 92 mm / 45 mm		
Wire strip length	10 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	22–12
Rated current, feed-through	16 A	20/30 A	25 A
Rated voltage	24 DC	24 V	24 V
Rated impulse voltage			
Pollution degree			



NGN: Indicator: R = 2.2 K 0,35 W
Lamp color: green



PGN: Indicator: R = 2.2 K 0,35 W
Lamp color: green

Accessories for *selos* WK 2,5-4 KOI/U...

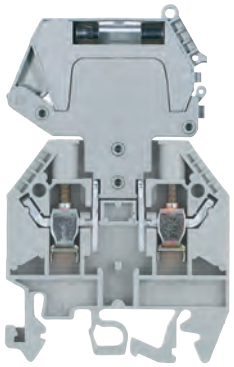
Accessories		Type	Part No.	Std. Pack
End plate	gray	AP 2,5-4 KO	07.310.9355.0	50
Partition	gray	TW 2,5-4 KO	07.310.9455.0	50
Cross connector	2 pole	VB WK 2,5 KO-2	07.257.0227.0	100
for voltage supply	3 pole	VB WK 2,5 KO-3	07.257.0327.0	100
	up to 20 pole	VB WK 2,5 KO-20	07.257.2027.0	50
Partition plate with marking facility	yellow	TS 2,5 GELB	07.311.2053.8	10
Single cover with marking facility	yellow	AD VB 2,5 GELB	04.326.2053.8	10
Cover strip for cross connectors over 10 blocks		AD VB 5/10	04.342.0556.0	10
Tear-off marking strip, red, marked "+"	red	9705 A/5/10 B + ROT	04.855.0253.5	25
Tear-off marking strip, blue, marked "-"	blue	9705 A/5/10 B - BLAU	04.855.0353.6	25

Technical information see ***facts*** & DATA page 146 ff.

Fuse blocks with screw connection

WK 4 TKG... with THSi 5x20

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Disconnect base block, gray	WK 4 TKG/U	57.504.4055.0	100
Fuse disconnect lever, gray	THSI 5x20	Z1.298.1053.0	10
Fuse disconnect lever with LED 12-24 V[2)]	THSI 5x20 LED24	Z1.298.1153.0	10
Fuse disconnect lever with LED 24-60 V[2)]	THSI 5x20 LED60	Z1.298.1253.0	10
Fuse disconnect lever with GL 110-250 V[2)]	THSI 5x20 GL250	Z1.298.1353.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 81 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	0.5–4 mm²		
Cross section solid/stranded	0.5–6 mm²		
Cross section, AWG		22–10	20–10
Rated current	[1)]	10 A[1)]	6.3 A[1)]
Rated voltage	690 V[2)]	300 V[2)]	250 V[2)]
Rated impulse voltage	6 kV		
Pollution degree	3		

WK 4 TKG... with THSi 6,3x32

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²

Description	Type	Part No.	Std. Pack
Disconnect base block, gray	WK 4 TKG/U	57.504.4055.0	100
Fuse disconnect lever, gray	THSI 6,3x32	Z1.298.1653.0	10
Fuse disconnect lever with LED 12-24 V[2)]	THSI 6,3x32 LED24	Z1.298.1753.0	10
Fuse disconnect lever with LED 24-60 V[2)]	THSI 6,3x32 LED60	Z1.298.1853.0	10
Fuse disconnect lever with GL 110-250 V[2)]	THSI 6,3x32 GL250	Z1.298.1953.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 81 mm		
Width disconnect lever THSI 6.3x32	8 mm use end plate 07.311.6155.0 to maintain pitch		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	0.5–4 mm²		
Cross section solid/stranded	0.5–6 mm²		
Cross section, AWG		22–10	20–10
Rated current	[1)]	10 A[1)]	6.3 A[1)]
Rated voltage	690 V[2)]	300 V[2)]	250 V[2)]
Rated impulse voltage	6 kV		
Pollution degree	3		

Technical information:

[1)] When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded. The current is determined by the inserted fuse.

Maximum power loss at 23° C ambient temperature (according to DIN EN 60947-7-3)

Type	Rated Voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
THSI 5x20 THSI 6,3x32	250 V 500 V	2.5 W 2.5 W	1.6 W 1.6 W	4.0 W 4.0 W	2.5 W 4.0 W
SIST	250 V	2.5 W	1.6 W	2.5 W	2.5 W

[2)] The voltage range is determined by the built-in LED display.

Depending on the application and the installation method, the possibility of increased temperature must be checked in the closed fuse holders.

Higher ambient temperatures mean additional stress for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

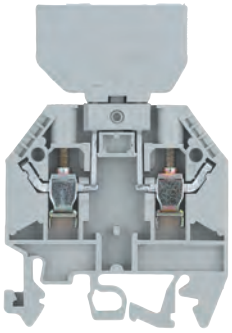
Indicator (24 V): Lamp color: red
Power consumption: 10.3 mA

Indicator (220 V): Lamp color: red
Power consumption: 0.3 mA

More accessories page 124 ff.

WK 4 TKG... SIST

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²

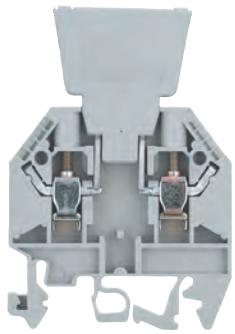


Description	Type	Part No.	Std. Pack
Disconnect base block, gray	WK 4 TKG/U	57.504.4055.0	100
Fuse holder for 5 x 20 fuse	Si ST	Z1.299.4055.0	10
Fuse holder with LED 24-60 V	Si ST LED	Z1.299.4155.0	10
Fuse holder with GL 220 V	Si ST GL	Z1.299.4255.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 68 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	0.5 – 4 mm²		
Cross section solid/stranded	0.5 – 6 mm²		
Cross section, AWG		22 – 10	20 – 10
Rated current	[1]	10 A	6.3 A[1]
Rated voltage	690 V[2]	300 V	250 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WK 4 TKG... DIST

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²



Description		Type	Part No.	Std. Pack
Disconnect base block, gray		WK 4 TKG/U	57.504.4055.0	100
Diode plug - without contacts		DIST ...	Z1.299.3055.0	10
Diode plug - diode	I_{max} = 1 A	DIST-1 N 4007-1[3]	Z1.299.3155.0	10
Diode plug - diode	I_{max} = 1 A	DIST-1 N 4007-2[4]	Z1.299.3355.0	10
Diode plug with jumper	I_{max} = 10 A	DIST-D	Z1.299.3255.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 68 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1 , EN 60127-6		
Cross section fine-stranded	0.5 – 4 mm²		
Cross section solid/stranded	0.5 – 6 mm²		
Cross section, AWG		22 – 10	20 – 10
Rated current		10 A	6.3 A[1]
Rated voltage	690 V[2]	300 V	250 V
Rated impulse voltage	6 kV		
Pollution degree	3		

The current carrying load depends on the component used.
Temporary peak voltage 1000 V.

Pole assignment of the diode:	Anode	Cathode[3]
	Cathode	Anode[4]

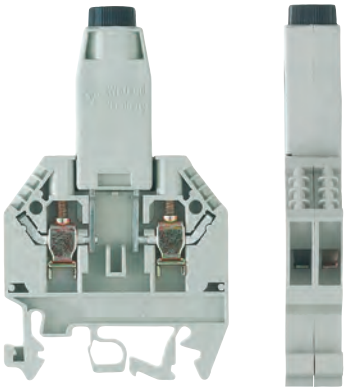
Accessories for *selos* WK 4 TKG... with THSi 5..., SIST... and DIST...

Accessories		Type	Part No.	Std. Pack
End plate	gray	AP 4 TK	07.311.6155.0	10
Partition	gray	TW 4 TK	07.311.8155.0	10
Jumper comb, insulated	2 pole	IVB 1 WK 4..-2	Z7.255.4227.0	10
	3 pole	IVB 1 WK 4..-3	Z7.255.4327.0	10
	up to 6 pole	IVB 1 WK 4..-6	Z7.255.4627.0	10

Fuse- and knife edge disconnect blocks with screw connection

WK 4/Si-D/U 5x25

- Fuse block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²



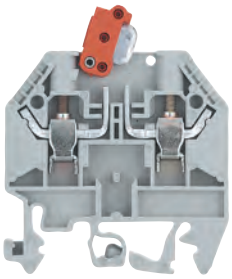
Description	Type	Part No.	Std. Pack
Fuse block, gray			
w. G-screw cap B DIN 41674, 5x25mm	WK 4/Si-D/U 5 x 25	57.504.1655.0	50
w. G-SG-screw cap A DIN 41674, 5x20mm	WK 4/Si-D/U 5 x 20	57.504.1755.0	50

General data			
Width / length / height, incl. TS 7.5	12 mm / 48 mm / 49 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1 , EN 60127-6		
Cross section fine-stranded	0.5–4 mm²		
Cross section solid/stranded	0.5–6 mm²		
Cross section, AWG			20–10
Rated current	6.3 A		10 A
Rated voltage	690 V		250 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WK 4/TKM

- Knife edge disconnect block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²

* **Version with test bolt:** CSA: 300 V
EN 60 947-7-1 – 400 V/4 kV/3
Test bolt can be loaded with 1 A



Description	Type	Part No.	Std. Pack
Knife edge disconnect block, gray	WK 4/TKM/U	57.504.2055.0	100
Knife edge disconnect block, blue	WK 4/TKM/U BLAU	57.504.2055.6	100
with 2 test bolts, gray	WK 4/TKM/P3/U	57.504.2355.0	100

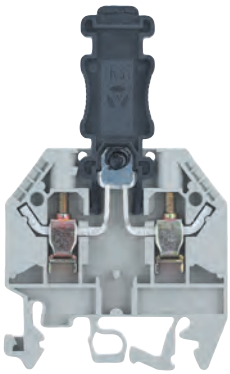
General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 49 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1 , EN 60127-6		
Cross section fine-stranded	0.5–4 mm²		
Cross section solid/stranded	0.5–6 mm²		
Cross section, AWG		22–10	22–10
Rated current	20 A	20 A	20 A
Rated voltage	690 V	600 V	600 V
Rated impulse voltage	6 kV		
Pollution degree	3		

More accessories page 124 ff.

WK 4 TKG-TRST/U

- Invertible plug disconnect block with screw connection for mounting on TS 35 and 42
- Nominal cross section 4 mm²

* **Version with test bolt:** CSA: 300 V
EN 60 947-7-1 – 400 V / 4 kV / 3
Test bolt can be loaded with 1 A

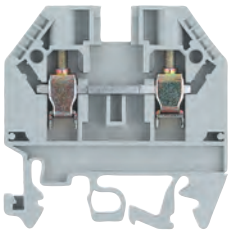


Description	Type	Part No.	Std. Pack
Invertible plug disconnect block, gray	WK 4 TKG-TRST/U	57.504.4555.0	100
with 2 test bolts, gray	WK 4 TKG-TRST P3/U	57.504.4855.0	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 78 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1 , EN 60127-6		
Cross section fine-stranded	0.5 – 4 mm²		
Cross section solid/stranded	0.5 – 6 mm²		
Cross section, AWG		22 – 10	22 – 10
Rated current	20 A	10 A	20 A
Rated voltage	690 V	300 V	600 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WK 4 TKS D/U

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²
- Same dimensions as types WK 4 TKG/U and types WK 4/TKM/U



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK 4 TKS D/U	57.504.4455.0	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 49 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	0.5 – 4 mm²		
Cross section solid/stranded	0.5 – 6 mm²		
Cross section, AWG		22 – 10	20 – 10
Rated current	32 A	25 A	20 A
Rated voltage	690 V	300 V	600 V
Rated impulse voltage	6 kV		
Pollution degree	3		

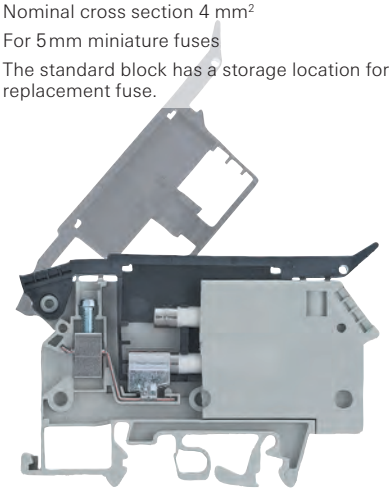
Accessories for *selos* WK 4...

Accessories		Type	Part No.	Std. Pack
End plate	gray	AP 4 TK	07.311.6155.0	10
Partition	gray	TW 4 TK	07.311.8155.0	10
Jumper comb, insulated	2 pole	IVB 1 WK 4..-2	Z7.255.4227.0	10
	3 pole	IVB 1 WK 4..-3	Z7.255.4327.0	10
	up to 6 pole	IVB 1 WK 4..-6	Z7.255.4627.0	10

Fuse blocks with screw connection

WK 4 THSI 5.../U

- Integrated lever-action fuse block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm²
- For 5 mm miniature fuses
- The standard block has a storage location for a replacement fuse.

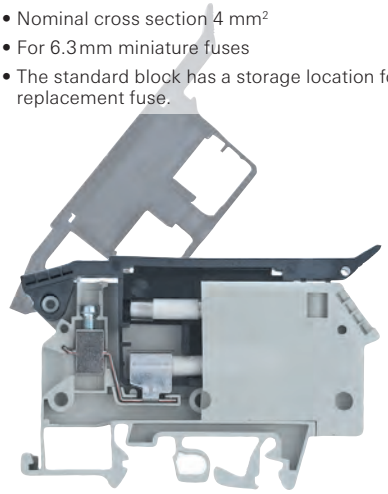


Description	Type	Part No.	Std. Pack
Fuse block, gray	WK 4/THSi 5 ... U	57.904.5355.0	50
– with LED 5 - 12 V~/⎓ current consumed. 2.3 - 7 mA	WK 4/THSi 5 LED 12 U	57.904.5455.0	50
– with LED 12 - 24 V~/⎓ current con. 2.8 - 6,2 mA	WK 4/THSi 5 LED 24 U	57.904.5555.0	50
– with LED 24 - 60 V~/⎓ current con. 1.5 - 4 mA	WK 4/THSi 5 LED 60 U	57.904.5655.0	50
– with GL110 - 250 V~/⎓ current con.0.13 - 0.55 mA	WK 4/THSi 5 GL 250 U	57.904.5755.0	50
– with GL380 - 500 V~/⎓ current con. 0.2 - 0.3 mA	WK 4/THSi 5 GL 500 U	57.904.5855.0	50

General data			
Width / length / height, incl. TS 7.5	8 mm / 77 mm / 54 mm		
Wire strip length	8 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	0,5–4 mm²		
Cross section solid/stranded	0,5–6 mm²		
Cross section, AWG		22–10	22–10
Rated current	6.3 A[1]	15 A	6.3 A
Rated voltage	800 V[2]	600 V[2]	600 V[2]
Rated impulse voltage	8 kV		
Pollution degree	3		

WK 4 THSI 6,3.../U

- Integrated lever-action fuse block with screw connection for mounting on TS 35 and TS32
- Nominal cross section 4 mm²
- For 6.3 mm miniature fuses
- The standard block has a storage location for a replacement fuse.



Description	Type	Part No.	Std. Pack
Fuse block, gray	WK 4/THSi 6,3 ... U	57.904.6355.0	50
– with LED 5 - 12 V~/⎓ current consumed. 2.3 - 7 mA	WK 4/THSi 6,3 LED 12 U	57.904.6455.0	50
– with LED 12 - 24 V~/⎓ current con. 2.8 - 6.2 mA	WK 4/THSi 6,3 LED 24 U	57.904.6555.0	50
– with LED 24 - 60 V~/⎓ current con. 1.5 - 4 mA	WK 4/THSi 6,3 LED 60 U	57.904.6655.0	50
– with GL110 - 250 V~/⎓ current con.0.13 - 0.55 mA	WK 4/THSi 6,3 GL 250 U	57.904.6755.0	50
– with GL380 - 500 V~/⎓ current con. 0.2 - 0.3 mA	WK 4/THSi 6,3 GL 500 U	57.904.6855.0	50

General data			
Width / length / height, incl. TS 7.5	10 mm / 77 mm / 54 mm		
Wire strip length	8 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	0,5–4 mm²		
Cross section solid/stranded	0,5–6 mm²		
Cross section, AWG		22–10	22–10
Rated current	10 A[1]	15 A	10 A
Rated voltage	800 V[2]	600 V[2]	600 V[2]
Rated impulse voltage	8 kV		
Pollution degree	3		

Technical information for *selos* WK 4 THSI...

The fuse blocks of this type have a flip top disconnect lever. It accepts miniature fuses of 5x20, 5x25 and 5x30 mm (terminal width: 8 mm) or 6.3x32 mm (terminal width: 10 mm). The hinged lever has latch points both in the open and in the closed position, and can be sealed.
All terminal blocks are available in two different versions, i.e. with or without red LEDs functioning as indicators.

[1] When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded. The current is determined by the inserted fuse.

[2] The voltage range is determined by the built-in LED display.

Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders. Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

[1] Maximum power loss at 23° C ambient temperature (according to DIN EN 60947-7-3)

Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
THSI 5x20/25	250 V	1.6 W	1.6 W	4.0 W	2.5 W
THSI 6,3x32	500 V	2.5 W	2.5 W	4.0 W	2.5 W
THSI 5x30	500 V	1.6 W	1.6 W	4.0 W	2.5 W

Accessories and info for *selos* WK 10/SI...

Accessories	Type	Part No.	Std. Pack
End plate, gray	AP 10/Si	07.311.4155.0	10
Cross connector with screws 2 pole	VB WK 10/Si-2	Z7.287.0227.0	10
3 pole	VB WK 10/Si-3	Z7.287.0327.0	10
up to 6 pole	VB WK 10/Si-6	Z7.287.0627.0	10
Transparent block cover (for 1 block)		04.312.2056.0	100

[1] Maximum power loss at 23° C ambient temperature (according to DIN EN 60947-7-3)

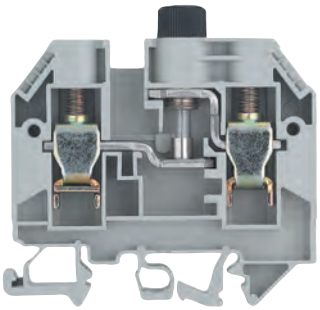
Type	Overload protection		Exclusive short-circuit protection	
	Single arrangement	Group arrangement	Single arrangement	Group arrangement
WK 10 Si U 5x20	4.0 W/10 A	2.5 W/6.3 A	4.0 W/10 A	4.0 W/6.3 A
WK 10 Si U 6.3x32	4.0 W/10 A	2.5 W/2.5 A	4.0 W/10 A	2.5 W/2.5 A
WK 10 Si U 5x25	4.0 W/10 A	2.5 W/6.3 A	4.0 W/10 A	4.0 W/6.3 A
WK 10 Si U 5x30	4.0 W/10 A	2.5 W/6.3 A	4.0 W/10 A	4.0 W/6.3 A

More accessories page 124 ff.

WK 10/SI .../U

- Fuse block with screw cap for mounting on TS 35
- Nominal cross section 10 mm²

* Voltage and current are determined by the built-in LED and the inserted G-fuse.



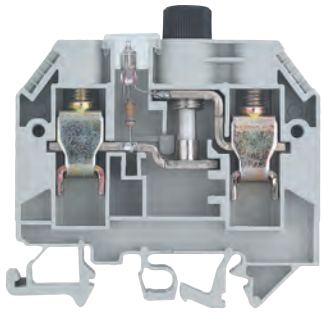
Description	Type	Part No.	Std. Pack
Fuse block, gray, with screw cap			
– A DIN 41674 for G-fuses DIN 41571	WK 10/Si U 5 x 20	57.910.5055.0	50
– B DIN 41674 for G-fuses DIN 41576	WK 10/Si U 5 x 25	57.910.5155.0	50
– A DIN 41674 for G-fuses	WK 10/Si U 5 x 30	57.910.5255.0	50
– with screw cap for G-fuses	WK 10/Si U 6,3 x 32	57.910.5355.0	50

General data			
Width / length / height, incl. TS 7.5	12 mm / 65 mm / 58 mm		
Wire strip length	13 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	1.0–10 mm²		
Cross section solid/stranded	1.0–16 mm²		
Cross section, AWG		22–6	16–6
Rated current	max. 10 A [1)]	15 A	max. 15 A
Rated voltage	500 V*	600 V*	600 V*
* 57.910.5055.0	250 V~	600 V	600 V
* 57.910.5155.0	250 V~	600 V	600 V
* 57.910.5255.0	500 V~	600 V	600 V
* 57.910.5355.0	500 V~	600 V	600 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WK 10/SI .../U with indicator

- Fuse block with screw cap for mounting on TS 35 and TS 32
- Nominal cross section 10 mm²
- With indicator

* Voltage and current are determined by the built-in indicator and the inserted G-fuse.

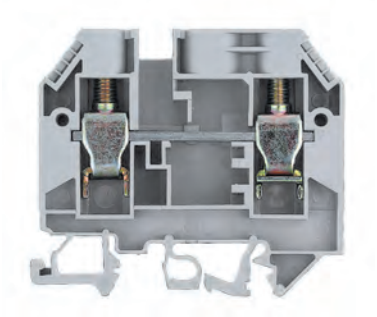


Description	Type	Part No.	Std. Pack
Fuse block, gray, with screw cap			
– A DIN 41674 for G-fuses DIN 41571	WK 10/Si U 5 x 20M, NGL	57.910.5455.0	50
– B DIN 41674 for G-fuses DIN 41576	WK 10/Si U 5 x 20M, GLB	57.910.5855.0	50
– A DIN 41674 for G-fuses	WK 10/Si U 6,3 x 32M, NGL	57.910.5755.0	50
– with screw cap for G-fuses	WK 10/Si U 6,3 x 32M, GLB	57.910.6155.0	50

General data			
Width / length / height, incl. TS 7.5	12 mm / 65 mm / 58 mm		
Wire strip length	13 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 60127-6		
Cross section fine-stranded	1.0–10 mm²		
Cross section solid/stranded	1.0–16 mm²		
Cross section, AWG		22–6	16–6
Rated current	max. 10 A [1)]	15 A	max. 15 A
Rated voltage	500 V*	600 V*	600 V*
Indicator – Current consumed			
red – 0.16 - 0.8 mA * 57.910.5455.0	110 - 250 V~	150 V	500 V
yellow – 24 mA * 57.910.5855.0	28 V~	28 V	28 V
red – 0.16 - 0.8 mA * 57.910.5755.0	110 - 500 V~	150 V	500 V
yellow – 24 mA * 57.910.6155.0	28 V~	28 V	28 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WK 10/SI U D

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 10 mm²
- Same dimensions as fuse block



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK 10/Si U D	57.910.4955.0	50

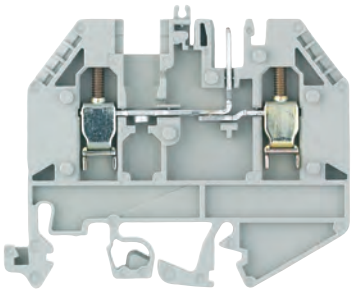
General data			
Width / length / height, incl. TS 7.5	12 mm / 65 mm / 58 mm		
Wire strip length	13 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–4 mm²		
Cross section solid/stranded	0.5–6 mm²		
Cross section, AWG		22–6	16–6
Rated current	57 A	50 A	65 A
Rated voltage	500 V	600 V	600 V
Rated impulse voltage	6 kV		
Pollution degree	3		

Feed-through blocks with *wiecon* pluggable connection

for PC board terminal type 8113 B, type 8313 B, type 8113 B/VL, type 8113 B/VR, type 8113 B/Top

WK 2,5 U/D/8113 S/V

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK 2,5 U/D/8113 S/V...	57.503.2155.0	50
Power block, blue	WK 2,5 U/D/8113 S/V/VK	57.503.2555.6	50
Feed-through block, with LED 25 V, gray	WK 2,5 U/D/8113 S/V/LED 25	57.503.2255.0	50
Feed-through block, with LED 50 V, gray	WK 2,5 U/D/8113 S/V/LED 50	57.503.2355.0	50

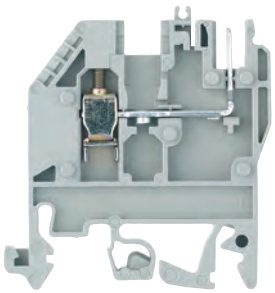
General data			
Width / length / height, incl. TS 7.5	5 mm / 61 mm / 51 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–2,5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	12 A	15 A	15 A
Rated voltage	250 V	300 V	300 V
Rated impulse voltage	4 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	AP 2,5 U/D/8113 S/V	07.311.9055.0	10
Spacer* 2.5 mm thick	ZP 2,5 U/D/8113 S/V	07.311.9155.0	10
Cover strip for LED, transparent 10 pole	AD VB 5/10 P	04.342.3556.8	10
Coding strip		05.561.0053.0	100

* for ***wiecon*** PC board connector with 7.5 mm pitch

WK 2,5 U/8113 S/V

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK 2,5 U/8113 S/V...	57.503.2655.0	50
Power block, blue	WK 2,5 U/8113 S/V/VK	57.503.3055.6	50
Feed-through block, with LED 25 V, gray	WK 2,5 U/8113 S/V/LED 25	57.503.2755.0	50
Feed-through block, with LED 50 V, gray	WK 2,5 U/8113 S/V/LED 50	57.503.2855.0	50

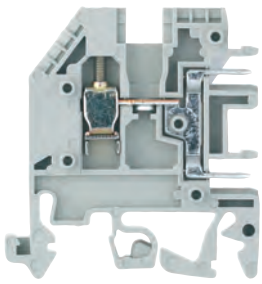
General data			
Width / length / height, incl. TS 7.5	5 mm / 44 mm / 51 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–2,5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	12 A	15 A	15 A
Rated voltage	250 V	300 V	300 V
Rated impulse voltage	4 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	AP 2,5 U/8113 S/V	07.312.1555.0	10
Spacer* 2.5 mm thick	ZP 2,5 U/8113 S/V	07.312.1655.0	10
Coding strip		05.561.0053.0	100

* for ***wiecon*** PC board connector with 7.5 mm pitch

WK 2,5 U/D/8113 S/H

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK 2,5 U/8113 S/H	57.503.2055.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 44 mm / 48 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–2,5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	12 A	20 A	15 A
Rated voltage	250 V	300 V	300 V
Rated impulse voltage	4 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	AP 2,5 U/8113 S/H	07.311.9855.0	10
Coding strip		05.584.0053.0	100
Locking piece 10 pole		05.576.5853.0	25

More accessories page 124 ff.

Type 8113 B/..., 8313 B/...

- Mating orientation parallel to wire entry
- For additional pluggable blocks, see ***wiecon*** product family

Description	Type	Part No.	Std. Pack
Spacing 5.00 mm, Rated voltage 250 V			
unmarked, starting at 2	8113 B/2 OB	25.320.3253.0	100
up to 16	8113 B/16 OB	25.320.4653.0	50
marked with 1- x, starting at 2	8113 B/2	25.320.0253.0	100
up to 16	8113 B/16	25.320.1653.0	50
Spacing 7.50 mm, Rated voltage 400 V			
unmarked, starting at 2	8313 B/2 OB	25.360.3253.0	100
up to 12	8313 B/12 OB	25.360.4253.0	50
marked with 1- x, starting at 2	8313 B/2	25.360.0253.0	100
up to 12	8313 B/12	25.360.1253.0	50

General data			
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	12 A	15 A	15 A
Rated voltage	250 V	300 V	300 V
Rated impulse voltage	400 V		
Pollution degree			

Accessories	Type	Part No.	Std. Pack
Coding strip		05.561.9153.0	100

Type 8113 B/... VR

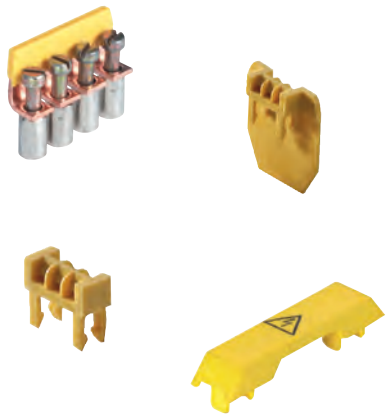
- Mating orientation 90° towards the wire
- For additional pluggable blocks, see ***wiecon*** product family

Description	Type	Part No.	Std. Pack
Spacing 5.00 mm, Rated voltage 250 V			
unmarked, starting at 2	8113 B/2 VR OB	25.325.3253.0	100
up to 16	8113 B/16 VR OB	25.325.4653.0	50
marked with 1- x, starting at 2	8113 B/2	25.325.0253.0	100
up to 16	8113 B/16	25.325.1653.0	50

General data			
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	12 A	15 A	15 A
Rated voltage	250 V	300 V	300 V
Rated impulse voltage	400 V		
Pollution degree			

Accessories	Type	Part No.	Std. Pack
Coding strip		05.561.9153.0	100

Accessories for *selos* WK 2,5 U/...

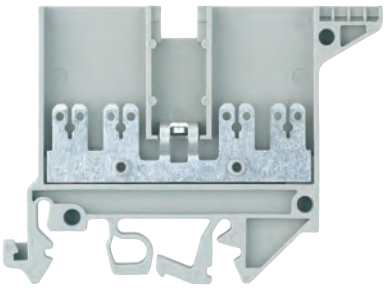


Accessories		Type	Part No.	Std. Pack
Cross connector with screws,	2 pole	VB WK 2,5-2	Z7.280.2227.0	10
insulated	3 pole	IVB WK 2,5-3	Z7.280.2327.0	10
	12 pole	IVB WK 2,5-12	Z7.280.3227.0	10
Partition plate with marking facility	yellow	TS 2,5 GELB	07.311.2053.8	10
Single cover with marking facility	yellow	AD VB 2,5 GELB	04.326.2053.8	10
Cover strip for PCB terminal	24 pole		04.343.9056.8	10
with warning symbol	24 pole		04.343.9156.8	10
Connection rail	L = 0,4 m		05.561.4115.0	1
for connection to power block (blue) and indicator				

Distribution blocks with screw/push-on connection

WK/4-8 S/IW/U

- Feed-through block with push-on connection for mounting on TS 35
- Push-on connectors 2.8 x 0,8 acc. to DIN 46247
  Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249
  Tab connector 2.8 10 A
  6.3 20 A

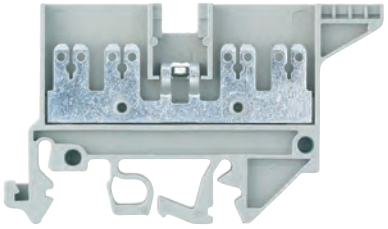


Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK/4-8 S/IW/U	57.504.6355.0	100
General data			
Width / length / height, incl. TS 7.5	6 mm / 67 mm / 50 mm		
Wire strip length			
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 61210		
Cross section fine-stranded			
Cross section solid/stranded			
Cross section, AWG		22–12	22–12
Rated current	20 A	10 A	10 A
Rated voltage	800 V[1)]	600 V[1)]	300 V[1)]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		AP 3 S/IW	07.311.4355.0	50
Cross connector with screws	2 pole	VB WK/...S/IW/U-2	Z7.281.3227.0	10
	3 pole	VB WK/...S/IW/U-3	Z7.281.3327.0	10
	up to 6 pole	VB WK/...S/IW/U-6	Z7.281.3627.0	10

WK/4-8 S/U

- Feed-through block with push-on connection for mounting on TS 35
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247
  Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249
  Tab connector 2.8 10 A
  6.3 20 A

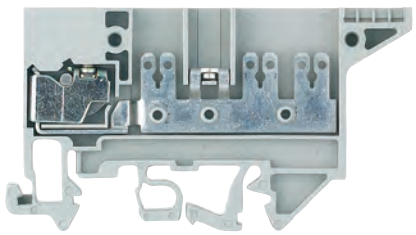


Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK/4-8 S/U	57.504.6255.0	100
General data			
Width / length / height, incl. TS 7.5	6 mm / 67 mm / 40 mm		
Wire strip length			
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 61210		
Cross section fine-stranded			
Cross section solid/stranded			
Cross section, AWG		22–12	22–12
Rated current	20 A	10 A	10 A
Rated voltage	800 V[1)]	300 V[1)]	300 V[1)]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		AP 4 S	07.311.4255.0	10
Cross connector with screws	2 pole	9703/6-2	Z7.211.0227.0	50
	3 pole	9703/6-3	Z7.211.0327.0	50
	up to 6 pole	9703/6-6	Z7.211.0627.0	50

WK/3-6 S KO/U

- Feed-through block with push-on connection for mounting on TS 35
- Nominal cross section 4,0 mm²
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247
  Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249
  Tab connector 2.8 10 A
  6.3 20 A



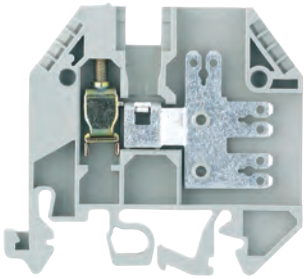
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK/3-6 S KO/U	57.504.7355.0	100
General data			
Width / length / height, incl. TS 7.5	6 mm / 72 mm / 40 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
For use with insulating sleeves	EN 60947-7-1, EN 61210		
Cross section fine-stranded	0.5–4 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG		22–12	22–12
Rated current	20 A	10 A	10 A
Rated voltage	690 V[1)]	300 V[1)]	300 V[1)]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		9701 A/6 1 S KO TP 2	07.310.5855.0	10
Cross connector with screws	2 pole	2072/2	Z7.220.0227.0	50
	3 pole	2072/2	Z7.220.0227.0	50
	up to 6 pole	2072/6	Z7.220.0627.0	50

More accessories page 124 ff.

WK 4 3-6 S 1 K/U

- Feed-through block with push-on connection for mounting on TS 35
- Nominal cross section 4 mm²
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247
  Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249
  Tab connector 2.8 10 A
  6.3 20 A

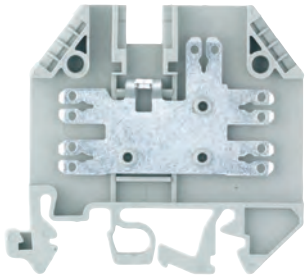


Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK 4 3-6 S 1 K/U	57.504.3755.0	100
General data			
Width / length / height, incl. TS 7.5	6 mm / 52 mm / 48 mm		
Wire strip length	9 mm		
Approvals	GL, VDE, UL, CSA		
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 61210		
Cross section fine-stranded	0.5–4 mm²		
Cross section solid/stranded	0.5–6 mm²		
Cross section, AWG		22–12	22–12
Rated current	20 A	10 A	10 A
Rated voltage	800 V[1)]	300 V[1)]	300 V[1)]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		AP4 3 S 1 K	07.311.3855.0	10
Cross connector with screws	2 pole	IVB WK 4-2	Z7.281.1227.0	10
	3 pole	IVB WK 4-3	Z7.281.1327.0	10
	up to 12 pole	IVB WK 4-12	Z7.281.2227.0	10

WK/5-10 S/U

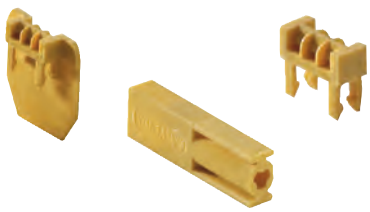
- Feed-through block with push-on connection for mounting on TS 35
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247
  Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249
  Tab connector 2.8 10 A
  6.3 20 A



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WK/5-10 S/U	57.504.3655.0	100
General data			
Width / length / height, incl. TS 7.5	6 mm / 52 mm / 48 mm		
Wire strip length			
Approvals	VDE, UL, CSA		
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1, EN 61210		
Cross section fine-stranded			
Cross section solid/stranded			
Cross section, AWG			22–12
Rated current	20 A	10 A	10 A
Rated voltage	800 V[1)]	300 V[1)]	300 V[1)]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		AP 5 S	07.311.4655.0	10
Cross connector with screws	2 pole	IVB WKI 4-2	Z7.271.4227.0	10
	3 pole	IVB WKI 4-3	Z7.271.4327.0	10
	up to 12 pole	IVB WKI 4-12	Z7.271.5227.0	10

Accessories for *selos* WK/...



Accessories		Type	Part No.	Std. Pack
Partition plate with marking facility	yellow	TS 4 GELB	07.311.2153.8	10
Single cover with marking facility	yellow	AD VB 4 GELB	04.326.2153.8	10
Insulating sleeve for tab connector				
for H0. V-K 1.5 mm²	yellow		05.592.7553.0	2000
for H0. V-K 2.5 mm²	yellow		05.592.7653.0	2000

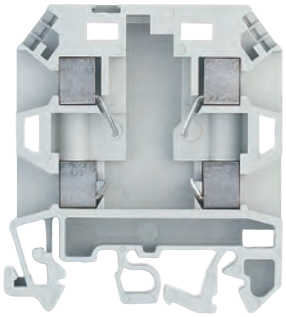
[1)] Rating for use with insulating sleeves

Technical information see *facts* & DATA page 146 ff.

Function blocks with screw connection

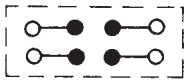
9786 U/12

- Function block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Function block empty	9786 U/12	57.904.2055.0	50
with bridge rectifier B380 C1500	9786 U/12 G4	57.904.2555.0	50
with optocoupler CNY 17/3	9786 U/12 OPK	57.904.2855.0	50

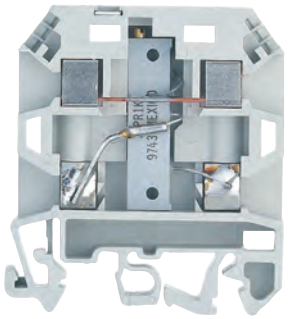
General data			
Width / length / height, incl. TS 7.5	12 mm / 52 mm / 58 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–2.5 mm²		
Cross section, AWG		22–14	22–14
Rated current	24 A	6 A	6 A
Rated voltage	800 V	300 V	300 V
Rated impulse voltage	8 kV		
Pollution degree	3		



9785 U/... - SPT

- Compensating terminal with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm²

Resistor range: 0.25 Ω up to 100 Ω
Resistor tolerance: ± 10%
Resistor range: 100 Ω up to 50 kΩ
Resistor tolerance ± 20%
Limite continuous resistance value:
0.75 W up to 70°C
Max. load: 100 mA
Temperature coefficient: 0 up to +500 ppm/°C
Max. operating voltage: 300 V

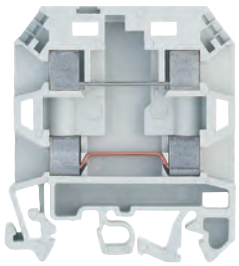


Description		Type	Part No.	Std. Pack
Compensating terminal, gray	10 Ω	9785 U/10 Ω	57.904.0055.0	50
with potentiometer	20 Ω	9785 U/20 Ω	57.904.0155.0	50
	50 Ω	9785 U/50 Ω	57.904.0255.0	50
	100 Ω	9785 U/100 Ω	57.904.0355.0	50
	200 Ω	9785 U/200 Ω	57.904.0455.0	50
	510 Ω	9785 U/500 Ω	57.904.0555.0	50
	1 kΩ	9785 U/1 kΩ	57.904.0655.0	50
	2 kΩ	9785 U/2 kΩ	57.904.0755.0	50
	5 kΩ	9785 U/5 kΩ	57.904.0855.0	50
	10 kΩ	9785 U/10 kΩ	57.904.0955.0	50
	20 kΩ	9785 U/20 kΩ	57.904.1055.0	50
	50 kΩ	9785 U/50 kΩ	57.904.1155.0	50
Compensating terminal, gray	10 Ω	9785 U/10 Ω-SPT	57.904.3955.0	50
with potentiometer as voltage divider	20 Ω	9785 U/20 Ω-SPT	57.904.4155.0	50
	50 Ω	9785 U/50 Ω-SPT	57.904.4255.0	50
	100 Ω	9785 U/100 Ω-SPT	57.904.4355.0	50
	200 Ω	9785 U/200 Ω-SPT	57.904.4455.0	50
	510 Ω	9785 U/500 Ω-SPT	57.904.4555.0	50
	1 kΩ	9785 U/1 kΩ-SPT	57.904.4655.0	50
	2 kΩ	9785 U/2 kΩ-SPT	57.904.4755.0	50
	5 kΩ	9785 U/5 kΩ-SPT	57.904.4855.0	50
	10 kΩ	9785 U/10 kΩ-SPT	57.904.4955.0	50
	20 kΩ	9785 U/20 kΩ-SPT	57.904.5055.0	50
	50 kΩ	9785 U/50 kΩ-SPT	57.904.5155.0	50

General/Technical data			
Width / length / height, incl. TS 7.5	12 mm / 49 mm / 58 mm		
Wire strip length	9 mm		
Approvals	EN 60947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–2.5 mm²		

9786 U/TSK...

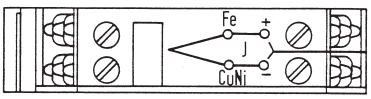
- Thermocouple terminal with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm²



Description		Type	Part No.	Std. Pack
Thermocouple terminal	type T-Cu/CuNi 44	9786 U/TSK Cu-CuNi	57.904.7355.0	50
Thermocouple terminal	type E-NiCr/CuNi 44	9786 U/TSK NiCr-CuNi	57.904.7055.0	50
Thermocouple terminal	type J-Fe/CuNi 44	9786 U/TSK Fe-CuNi	57.904.7155.0	50
Thermocouple terminal	type K-NiCr/Ni	9786 U/TSK NiCr-Ni	57.904.7255.0	50
Thermocouple terminal	type R-PtRh 13/Pt	9786 U/TSK E-Cu-A-Cu	57.904.7455.0	50

General data			
Width / length / height, incl. TS 7.5	12 mm / 52 mm / 58 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–2.5 mm²		
Rated voltage	800 V		
Rated impulse voltage	8 kV		
Pollution degree	3		

Example:
Fe/constantan Fe/CuNi 44
fully enclosed design



More accessories page 124 ff.

9786 U/12

- Ground disconnect with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 6 mm²

Description	Type	Part No.	Std. Pack
Ground disconnect 24-48 V≅ with LED	9760 U/8 TKE 48	57.110.1655.0	25
110-220 V≅ with indicator lamp	9760 U/8 TKE 220	57.110.1555.0	25

General data			
Width / length / height, incl. TS 7.5	17,5 mm / 71 mm / 52 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	1.0–10 mm²		
Cross section solid/stranded	1.0–10 mm²		
Cross section, AWG		18–8	18–8
Rated current	30 A	25 A	25 A
Rated voltage	24–48 V / 110–220 V	48 V / 220 V	48 V / 220 V
Rated impulse voltage			
Pollution degree			

EN 60204 part 1/DIN VDE 0113 part 1 "Fitting industrial machines with electrical equipment"

9.4.3.1. Ground faults.

Ground faults in any control circuits must not result in unintentional startup, potentially hazardous motions or shutdown of the machine.

During normal operation the auxiliary circuit is connected to the functional ground and the green (24-48 V) or yellow (110-220 V) status display is illuminated.

If a low resistance ground fault occurs, the line fuse will blow.

Once the contact separator is open, you can replace the fuse.

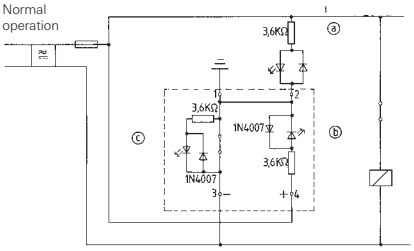
The illumination of the red lamp alone indicates an ground fault.

After the fault had been rectified, the green (24-48 V) or yellow (110-220 V) display will also light up. The contacts should now be moved to the "on" position as a result of which the red lamp will go out.

The illumination of the yellow or green lamp and external display indicates that the auxiliary circuit has been reconnected to the functional ground.

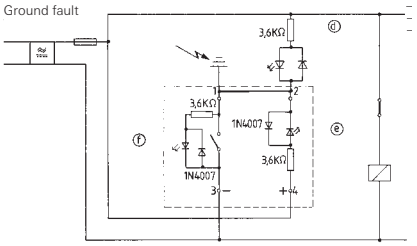
Ground Disconnect terminal with LED 24-48 V≅

Normal operation



ⓐ external status display lights up
ⓑ green status display lights up
ⓒ red ground-fault indicator lights up

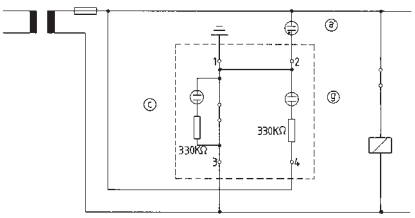
Ground fault



ⓓ external status display lights up
ⓔ green status display lights up
ⓕ red ground-fault indicator lights up

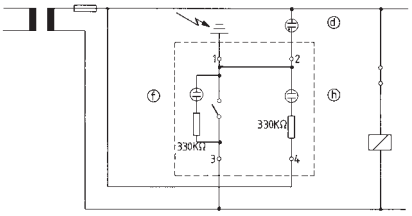
Ground Disconnect terminal with Neon Lamp 110-220 V≅

Normal operation



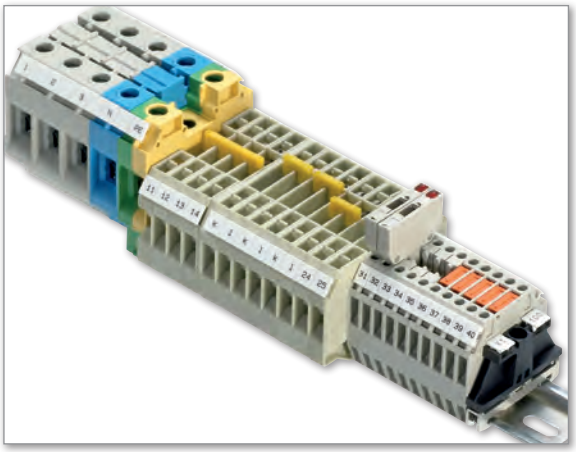
ⓖ yellow status display lights up

Ground fault



ⓗ yellow indicator light not flashing

Instrument isolating terminal with screw connection



Wieland Electric's ***selos*** WKN 6 TK block offers a simple and effective DIN rail block solution for use in measuring circuits for current, voltage or energy. All circuits in everyday practice can be neatly implemented with the instrument isolating terminal and a few accessory parts. Only two blocks are needed for simple transformer circuits.

The main focus during the development of this block was clear and simple handling as well as universal application. All switching states of the block and the converter circuit are clearly recognizable and the extensive accessory program is easy to use.

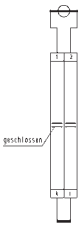
The block and the accessories meet the requirements of protection against accidental finger touch as per BGV A2.

Technical data as per EN 60947-7:

Rated cross section:	6 mm²	Rated current:	57 A
Rated voltage:	400 V	Connection capacity:	0.5 - 10 mm²

Accessories Pos.

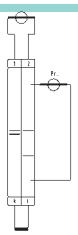
Normal operation



Disconnect point closed — 4

Short circuit contact open — 3

Measured value test



Disconnect point open — 2

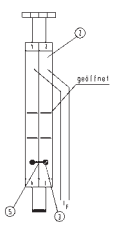
Short circuit contact open — 5

Current transformer short circuit

Disconnect point closed — 3

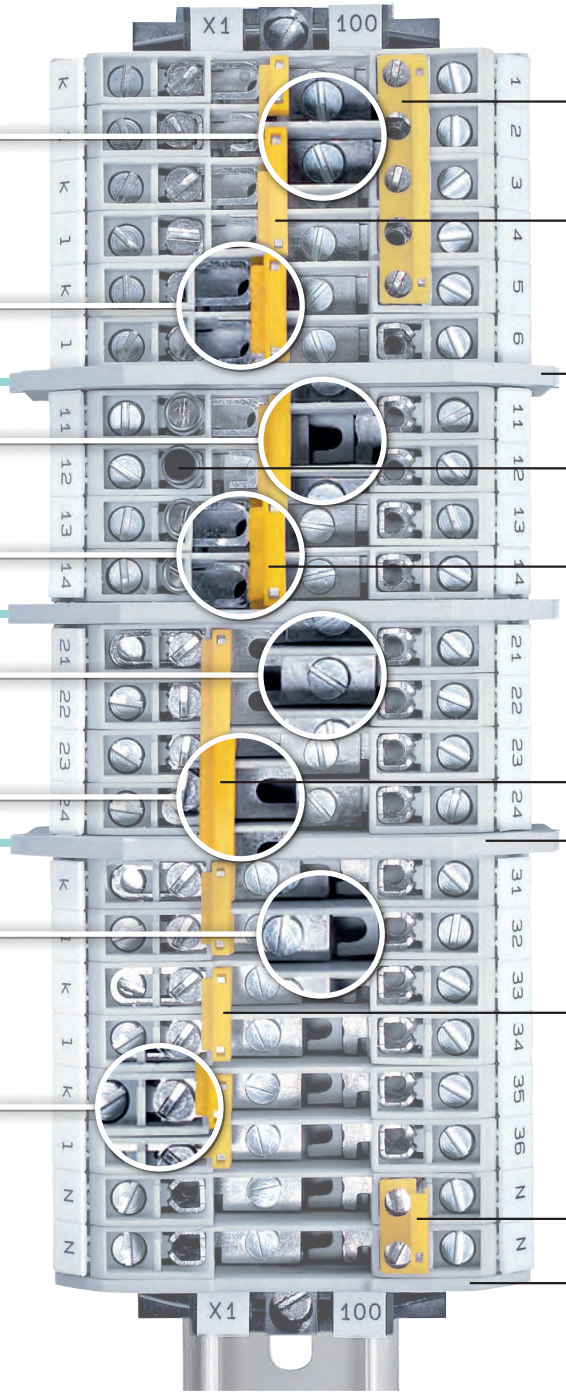
Short circuit contact closed — 3

Relay test



Disconnect point open — 2

Short circuit contact closed — 3



4

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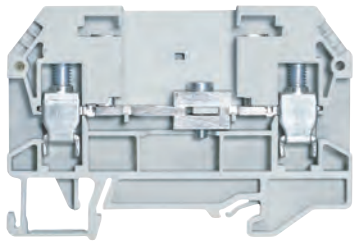
More accessories page 124 ff.

WKN 6 TK

- Instrument isolating terminal for mounting on TS 35
- Nominal cross section 6 mm²

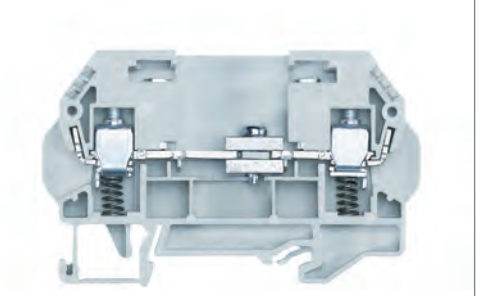


Description	Type	Part No.	Std. Pack
Instrument isolating terminal	WKN6 TK	56.106.0055.0	50
Feed-through block	WKN6 TK D	56.106.0155.0	50

General data			
Width / length / height, incl. TS 7.5	8 mm / 73 mm / 58 mm		
Wire strip length	12 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.5–6 mm²		
Cross section solid/stranded	0.5–10 mm²		
Cross section, AWG			
Rated current	57 A		
Rated voltage	500 V		
Rated impulse voltage	6 kV		
Pollution degree	3		

WKN 6 TK SF

- Instrument isolating terminal with spring support for mounting on TS 35
- Nominal cross section 6 mm²



Description	Type	Part No.	Std. Pack
Instrument isolating terminal	WKN6 TK SF	56.106.0755.0	50
Feed-through block	WKN6 TK SFD	56.106.0855.0	50

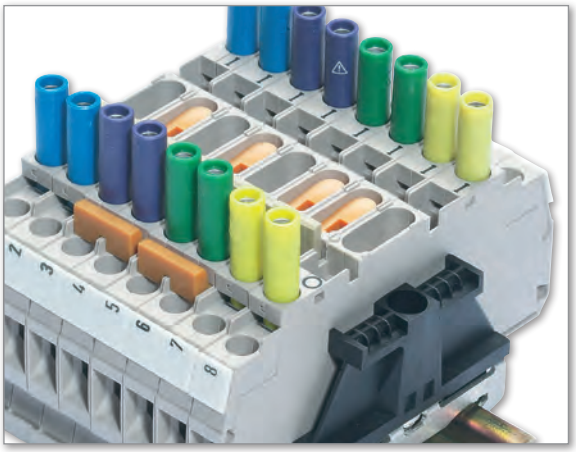
General data			
Width / length / height, incl. TS 7.5	8 mm / 73 mm / 58 mm		
Wire strip length	12 mm		
Approvals			
Technical data	**IEC**	**EA TS 50-18**	
	EN 60947-7-1		
Cross section fine-stranded	0.5–6 mm²		
Cross section solid/stranded	0.5–10 mm²		
Cross section, AWG			
Rated current	57 A	25 A	
Rated voltage	500 V	500 V	
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories for *selos* WKN 6 TK...

Accessories		Type	Part No.	Std. Pack
1. End plate 2 mm		APN 6 TK	07.313.1755.0	10
2. Partition		TW 6 TK	07.312.0453.0	10
3. Sliding short-circuit slide, insulated	2 pole	IVS WKN6 TK-2	Z7.282.7229.0	10
	3 pole	IVS WKN6 TK-3	Z7.282.7329.0	10
	4 pole	IVS WKN6 TK-4	Z7.282.7429.0	10
4. Cross connector with screws, insulated	2 pole	IVB WKN6 TK-2	Z7.282.6229.0	10
	3 pole	IVB WKN6 TK-3	Z7.282.6329.0	10
	4 pole	IVB WKN6 TK-4	Z7.282.6429.0	10
	5 pole	IVB WKN6 TK-5	Z7.282.6529.0	10
	6 pole	IVB WKN6 TK-6	Z7.282.6629.0	10
5. Test socket	gray	SBN 4 GRAU	Z5.511.3553.0	10
	violet	SBN 4 VIOLETT	Z5.511.3553.9	10
	green	SBN 4 GRÜN	Z5.511.3553.7	10
	yellow	SBN 4 GELB	Z5.511.3553.8	10
	blue	SBN 4 BLAU	Z5.511.3553.6	10
6. Disconnect locking device		SP WKN 6 TK	05.566.6855.9	50
Jumper comb for WKN 6 TK	2 pole	IVK WKN 6TK-2	Z7.255.8227.0	10
	3 pole	IVK WKN 6TK-3	Z7.255.8327.0	10
	4 pole	IVK WKN 6TK-4	Z7.255.8427.0	10
	5 pole	IVK WKN 6TK-5	Z7.255.8527.0	10
	6 pole	IVK WKN 6TK-6	Z7.255.8627.0	10

Technical information see ***facts*** &DATA page 146 ff.

Instrument isolating terminal with screw connection WK6 TK



Wieland Electric's ***selos*** WK 6 TK block offers an optimal DIN rail block solution for all types of measuring circuits of current, voltage or energy. All circuits occurring during everyday practice can be implemented with the Instrument isolating terminal and a few accessories.

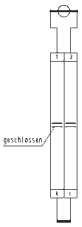
Complete insulated selectable connecting links are available as standard, as are insulated test sockets in all conventional signal colors. Two additional jumpering facilities permit the installation of fixed cross connections (e.g., for internal distribution of the k point of converter circuits). Standard cross connectors in a wide variety of numbers of pins are available for this purpose. The jumpers are easy to disconnect so that you can skip over blocks.

Technical data as per EN 60947-7:

Rated cross section:	6 mm²	Rated current:	32 A
Rated voltage:	400 V	Connection capacity:	0.5 - 10 mm²

Accessories Pos.

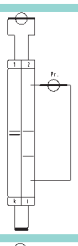
Normal operation



Disconnect point closed

Short circuit contact open

Measured value test



Disconnect point open

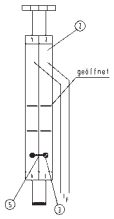
Short circuit contact open

Current transformer short circuit

Disconnect point closed

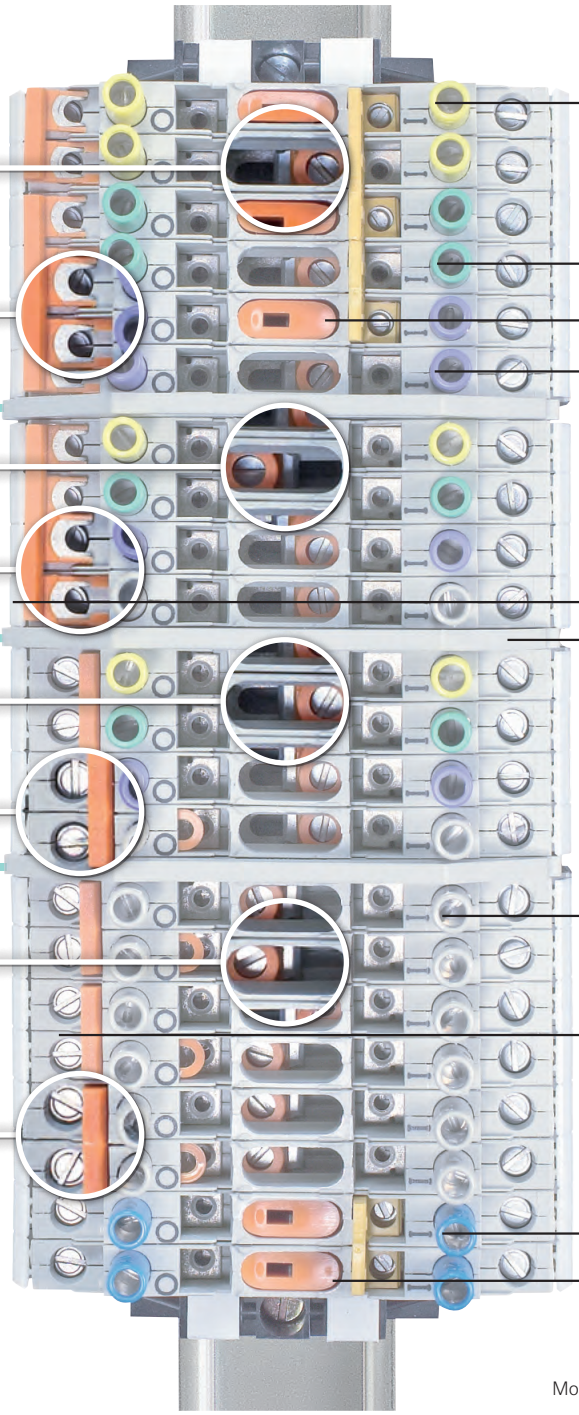
Short circuit contact closed

Relay test



Disconnect point open

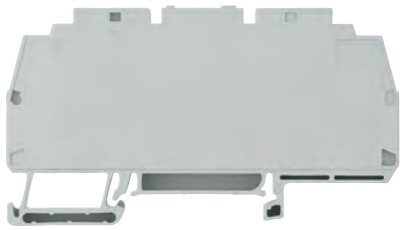
Short circuit contact closed



More accessories page 124 ff.

WK6 TK/35

- Instrument isolating terminal for mounting on TS 35
- Nominal cross section 6 mm²



Description	Type	Part No.	Std. Pack
Instrument isolating terminal	WK6 TK/35	56.106.0553.0	50

General data			
Width / length / height, incl. TS 7.5	8 mm / 87 mm / 49 mm		
Wire strip length	12 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
For use with insulating sleeves	EN 60947-7-1		
Cross section fine-stranded	0.5–6 mm²		
Cross section solid/stranded	0.5–10 mm²		
Cross section, AWG		20–8	20–8
Rated current	32 A	45 A	45 A
Rated voltage	400 V	600 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WK6 TK P3/35

- Instrument isolating terminal with mounted test sockets for mounting on TS 35
- Nominal cross section 6 mm²

Description	Type	Part No.	Std. Pack
Instrument isolating terminal	WK6 TK P3/35	56.106.0653.0	50

General data			
Width / length / height, incl. TS 7.5	8 mm / 87 mm / 62 mm		
Wire strip length	12 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
For use with insulating sleeves	EN 60947-7-1		
Cross section fine-stranded	0.5–6 mm²		
Cross section solid/stranded	0.5–10 mm²		
Cross section, AWG		20–8	20–8
Rated current	32 A	45 A	45 A
Rated voltage	400 V	600 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

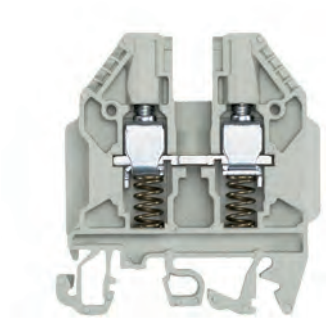
Accessories for *selos* WK6 TK.../35

Accessories		Type	Part No.	Std. Pack
1. Partition		TW 6 TK	07.312.0453.0	10
2. Sliding short-circuit slide, insulated	2 pole	IVS WK6 TK-2	Z7.212.2227.0	50
	3 pole	IVS WK6 TK-3	Z7.212.2327.0	50
	4 pole	IVS WK6 TK-4	Z7.212.2427.0	50
3. Cross connector with screws, insulated	2 pole	IVB WK6 TK-2	Z7.212.1227.0	50
	3 pole	IVB WK6 TK-3	Z7.212.1327.0	50
	4 pole	IVB WK6 TK-4	Z7.212.1427.0	50
	5 pole	IVB WK6 TK-5	Z7.212.1527.0	50
	10 pole	IVB WK6 TK-10	Z7.212.2027.0	50
4. Test socket	gray	SB 4 GRAU	05.511.2953.0	10
	violet	SB 4 VIOLETT	05.511.2953.9	10
	green	SB 4 GRÜN	05.511.2953.7	10
	yellow	SB 4 GELB	05.511.2953.8	10
	blue	SB 4 BLAU	05.511.2953.6	10
5. Disconnect locking device		SP WK6 TK	05.563.5453.0	50

Screw type terminal blocks with spring support

WKN 6 SF

- Feed-through block with spring support for mounting on TS 35 and TS 32
- Nominal cross section 6 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKN 6 SF	57.506.0555.0	100
General data			
Width / length / height, incl. TS 7.5	8 mm / 54 mm / 57 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**EA TS 50-18**	
	EN 60947-7-1		
Cross section fine-stranded	0.5–6 mm²		
Cross section solid/stranded	0.5–10 mm²		
Cross section, AWG			
Rated current	41 A	30 A	
Rated voltage	800 V	500 V	
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APN 6 SF	07.313.2355.0	10
Partition, gray	TW 6 TK	07.312.0453.0	10
Cross connector with screws 2 pole	IVB WK 6 - 2	Z7.282.2227.0	10
insulated 3 pole	IVB WK 6 - 3	Z7.282.2327.0	10
up to 12 pole	IVB WK 6 - 12	Z7.282.3227.0	10
Single cover f. cross conn. with marking facility	AD VB 6 GELB	04.326.2253.8	10
Cover with warning symbol yellow	AD VB 8/4 GELB	04.343.4956.8	10

WKN 10 SF

- Feed-through block with spring support for mounting on TS 35 and TS 32
- Nominal cross section 10 mm²

Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKN 10 SF	57.510.0555.0	100
General data			
Width / length / height, incl. TS 7.5	10 mm / 55 mm / 64 mm		
Wire strip length	13 mm		
Approvals			
Technical data	**IEC**	**EA TS 50-18**	
	EN 60947-7-1		
Cross section fine-stranded	2.5–10 mm²		
Cross section solid/stranded	1.5–16 mm²		
Cross section, AWG			
Rated current	57 A	30 A	
Rated voltage	800 V	500 V	
Rated impulse voltage	8 kV		
Pollution degree	3		

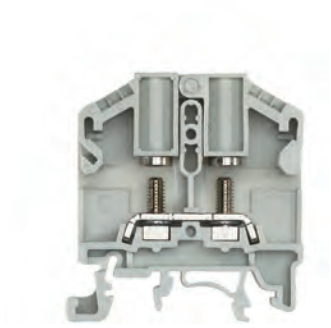
Accessories	Type	Part No.	Std. Pack
End plate, gray	APN 10 SF	07.313.2455.0	10
Partition, gray	TW 6 TK	07.312.0453.0	10
Cross connector with screws 2 pole	IVB WK 10 - 2	Z7.283.2227.0	10
insulated 3 pole	IVB WK 10 - 3	Z7.283.2327.0	10
up to 12 pole	IVB WK 10 - 12	Z7.283.3227.0	10
Single cover f. cross conn. with marking facility	AD VB 10 GELB	04.326.2353.8	10
Cover with warning symbol yellow	AD VB 10/4 GELB	04.343.5056.8	10

More accessories page 124 ff.

DIN rail terminal blocks with ring lug connection

WRT 6

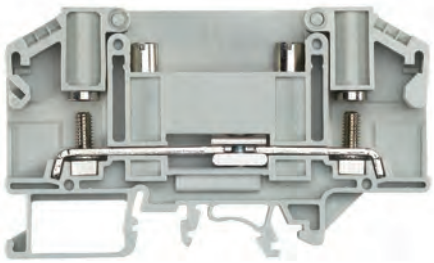
- Feed-through block with ring lug connection for mounting on TS 35
- Nominal cross section 6 mm²



Description		Type	Part No.	Std. Pack
Feed-through block, gray		WRT 6	57.106.1155.0	100
General data				
Width / length / height, incl. TS 7.5		11 mm / 49 mm / 51 mm		
Wire strip length		10 mm		
Approvals				
Technical data		**IEC**	**UL**	**CSA**
		EN 60947-7-1		
Cross section fine-stranded		1.5–6 mm²		
Cross section solid/stranded		1.5–6 mm²		
Cross section, AWG			22–8	22–8
Rated current		41 A	50 A	50 A
Rated voltage		1000 V	600 V	600 V
Rated impulse voltage		8 kV		
Pollution degree		3		
Accessories		Type	Part No.	Std. Pack
End plate, gray		APRT 6	07.300.6955.0	10
Partition, gray		TW 6 TK	07.312.0453.0	10
Cross connector, insulated	2 pole	IVB WRT 6 TK - 2	Z7.250.5227.0	10
	3 pole	IVB WRT 6 TK - 3	Z7.250.5327.0	10
	4 pole	IVB WRT 6 TK - 4	Z7.250.5427.0	10

WRT 6 TK

- Instrument isolating terminal with ring lug connection for mounting on TS 35
- Nominal cross section 6 mm²

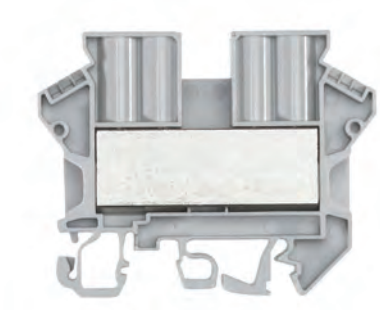


Description		Type	Part No.	Std. Pack
Instrument isolating terminal, gray		WRT 6 TK	57.106.1055.0	100
General data				
Width / length / height, incl. TS 7.5		11 mm / 86 mm / 51 mm		
Wire strip length		10 mm		
Approvals				
Technical data		**IEC**	**UL**	**CSA**
		EN 60947-7-1		
Cross section fine-stranded		1.5–6 mm²		
Cross section solid/stranded		1.5–6 mm²		
Cross section, AWG			22–8	22–8
Rated current		41 A	35 A	35 A
Rated voltage		1000 V	600 V	600 V
Rated impulse voltage		8 kV		
Pollution degree		3		
Accessories		Type	Part No.	Std. Pack
End plate, gray		APRT 6 TK	07.300.7055.0	10
Partition, gray		TW 6 TK	07.312.0453.0	10
Cross connector, insulated	2 pole	IVB WRT 6 TK - 2	Z7.250.5227.0	10
	3 pole	IVB WRT 6 TK - 3	Z7.250.5327.0	10
	4 pole	IVB WRT 6 TK - 4	Z7.250.5427.0	10

DIN rail terminal with double clamping screw

WKN 16 DS

- Feed-through block with double screw connection for mounting on TS 32 and 35
- Nominal cross section 16 mm²



Description		Type	Part No.	Std. Pack
Feed-through block, gray		WKN 16 DS	57.016.5055.0	50
General data				
Width / length / height, incl. TS 7.5		10 mm / 68 mm / 54 mm		
Wire strip length		18 mm		
Approvals				
Technical data		**IEC**		**CSA**
		EN 60947-7-1		
Cross section fine-stranded		1,5–16 mm²		
Cross section solid/stranded		1,5–25 mm²		
Cross section, AWG				16–6
Rated current		76 A		65 A
Rated voltage		800 V		600 V
Rated impulse voltage		8 kV		
Pollution degree		3		
Accessories		Type	Part No.	Std. Pack
End plate, gray		APN 16 DS	07.313.2255.0	10
Cross connector, insulated	2 pole	IVB WKN 10 - 2	Z7.283.2227.0	10
	3 pole	IVB WKN 10 - 3	Z7.283.2327.0	10
	12 pole	IVB WKN 10 - 12	Z7.283.3227.0	10

Technical information see *facts* & DATA page 146 ff.


DB
ICE

selos WRT – the new generation of high current terminals

The **selos** WRT high current terminals are the new generation of ring lug terminals for safe and maintenance-free energy transmission.

A broad range and a clear focus on customer benefits makes **selos** WRT a robust solution for connecting conductors to 300 mm² and 520 A.

Features
- Rugged design
- Safe and maintenance-free
- Flexible potential distribution
- Reliable touch protection

Safe and maintenance-free
- High performance
- Up to 300 mm² / 520 A / 1000 V
- Maintenance-free screw connection
- Vibration-proof

Simple mounting
- On TS 35 or on the mounting plate
- Few parts – nut with integrated spring washer

Touch-proof application
- Cover easy to open and close
- Test opening – completely touch-proof voltage measurement
- Cover can be individually adapted

Flexible potential distribution
- Cross connectors for simple potential distribution up to nominal currents
- Multi-conductor connection possible, 2 cable lugs per connection point

High current terminals with screw connection

WRT 35

- High current terminal block for mounting on TS 35
- Nominal cross-section 35 mm²
- Bolt connection M6

Description	Type	Part No.	Std. Pack
High current terminal block	WRT 35 / M6	56.135.1055.0	10

General data			
Width / length / height (incl. TS 7.5)	27 mm / 107 mm / 51 mm		
Width / length / height (incl. TS 7.5 & cover)	27 mm / 131 mm / 60 mm		
Screw size	M6		
Approvals			

Technical data	IEC	UL	CSA
Cross section fine-stranded	2.5 - 50 mm²		
Cross section solid/stranded	2.5 - 50 mm²		
Cross-section, AWG		14 - 1/0	14 - 1/0
Rated current	125 A	130 A	130 A
Rated voltage	1000 V	1000 V	1000 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Torque	3 - 6 Nm		

Description	Type	Part No.	Std. Pack
Accessories			
Cover (2 piece/terminal required)	AD WRT 35	07.431.7053.8	20
Cross connector, for 2 terminals	VB WRT 35-2	07.201.1227.6	5
Cross connector, for 3 terminals	VB WRT 35-3	07.201.1327.6	5

WRT 70

- High current terminal block for mounting on TS 35
- Nominal cross-section 70 mm²
- Bolt connection M8

Description	Typ	Part No.	Std. Pack
High current terminal block	WRT 70	56.170.1055.0	10

General data			
Width / length / height (incl. TS 7.5)	32 mm / 132 mm / 61 mm		
Width / length / height (incl. TS 7.5 & cover)	32 mm / 180 mm / 70 mm		
Screw size	M8		
Approvals			

Technical data	IEC	UL	CSA
Cross section fine-stranded	2.5 - 95 mm²		
Cross section solid/stranded	2.5 - 95 mm²		
Cross-section, AWG		14 - 3/0	14 - 3/0
Rated current	192 A	175 A	175 A
Rated voltage	1000 V	1000 V	1000 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Torque	6 - 12 Nm		

Description	Type	Part No.	Std. Pack
Accessories			
Cover (2 piece/terminal required)	AD WRT 70	07.431.7153.8	20
Cross connector, for 2 terminals	VB WRT 70-2	07.201.3227.6	5
Cross connector, for 3 terminals	VB WRT 70-3	07.201.3327.6	5

WRT 120

- High current terminal block for mounting on TS 35
- Nominal cross-section 120 mm²
- Bolt connection M10

Description	Type	Part No.	Std. Pack
High current terminal block	WRT 120	56.197.1055.0	5

General data			
Width / length / height (incl. TS 7.5)	42 mm / 133 mm / 72 mm		
Width / length / height (incl. TS 7.5 & cover)	42 mm / 226 mm / 80 mm		
Screw size	M10		
Approvals			

Technical data	IEC	UL	CSA
Cross section fine-stranded	to 120 mm²		
Cross section solid/stranded	6 - 150 mm²		
Cross-section, AWG		10 - 250 kcmil	10 - 250 kcmil
Rated current	269 A	225/310 A *)	225/310 A *)
Rated voltage	1000 V	1000 V	1000 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Torque	10 - 20 Nm		

Description	Type	Part No.	Std. Pack
Accessories			
Cover (2 piece/terminal required)	AD WRT 120	07.431.7253.8	10
Cross connector, for 2 terminals	VB WRT 120-2	07.201.5227.6	5
Cross connector, for 3 terminals	VB WRT 120-3	07.201.5327.6	5

*) field/factory wiring

More accessories page 124 ff.

WRT 185

- High current terminal block for mounting on TS 35
- Nominal cross-section 185 mm²
- Bolt connection M12

Description	Type	Part No.	Std. Pack
High current terminal block	WRT 185	56.198.1055.0	5

General data	
Width / length / height (incl. TS 7.5)	55 mm / 164 mm / 78 mm
Width / length / height (incl. TS 7.5 & cover)	55 mm / 288 mm / 90 mm
Screw size	M12
Approvals	

Technical data	IEC	UL	CSA
Cross section fine-stranded	to 185 mm²		
Cross section solid/stranded	10 - 240 mm²		
Cross-section, AWG		8 - 500 kcmil	8 - 500 kcmil
Rated current	353 A	380 A	380 A
Rated voltage	1000 V	1000 V	1000 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Torque	14 - 31 Nm		

Description	Type	Part No.	Std. Pack
Accessories			
Cover (2 piece/terminal required)	AD WRT 185/300	07.431.7353.8	10
Cross connector, for 2 terminals	VB WRT 185-2	07.201.7227.6	5
Cross connector, for 3 terminals	VB WRT 185-3	07.201.7327.6	5

WRT 300

- High current terminal block for mounting on TS 35
- Nominal cross-section 300 mm²
- Bolt connection M16

Description	Type	Part No.	Std. Pack
High current terminal block	WRT 300	56.199.1055.0	5

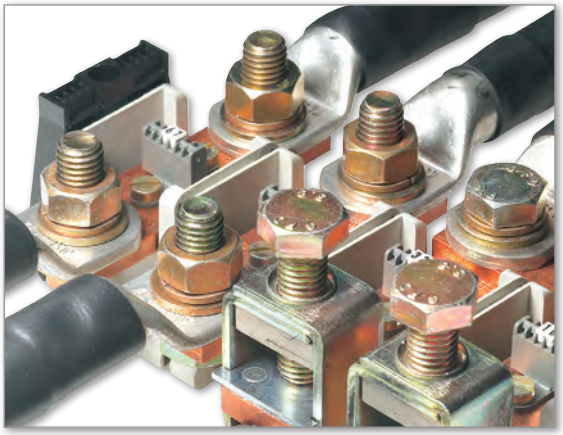
General data	
Width / length / height (incl. TS 7.5)	55 mm / 164 mm / 78 mm
Width / length / height (incl. TS 7.5 & cover)	55 mm / 288 mm / 90 mm
Screw size	M16
Approvals	

Technical data	IEC	UL	CSA
Cross section fine-stranded	to 300 mm²		
Cross section solid/stranded	25 - 240 mm²		
Cross-section, AWG		6 - 600 kcmil	6 - 600 kcmil
Rated current	520 A	420/510 A *)	420/510 A *)
Rated voltage	1000 V	1000 V	1000 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Torque	25 - 60 Nm		

Description	Type	Part No.	Std. Pack
Accessories			
Cover (2 piece/terminal required)	AD WRT 185/300	07.431.7353.8	10
Cross connector, for 2 terminals	VB WRT 300-2	07.201.9227.6	5
Cross connector, for 3 terminals	VB WRT 300-3	07.201.9327.6	5

*) field/factory wiring

High current terminal blocks with screw connection



selos POWER LINE is designed for use in mechanical and plant engineering, railway, and battery applications.

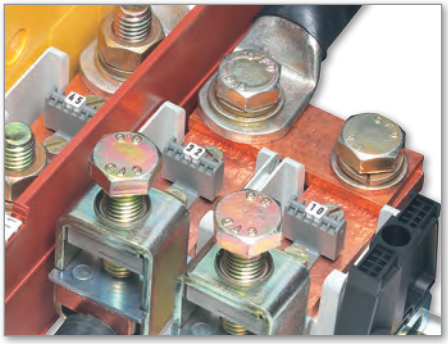
Wieland offers a program which was especially developed for high current applications. The portfolio includes feed through blocks and ring lug terminals. The RFK type feed through blocks include four different cross sections between 95 and 240 mm² with different types of connection (e.g., rising cage or ring lug connection).

Ring lug terminals augment the **selos** POWER LINE product line. Blocks with ring lug sizes from M 6 to M 12 are available for the connection of wires with crimped cable lugs.

Extensive accessories optimize the **selos** POWER LINE for a wide variety of applications.

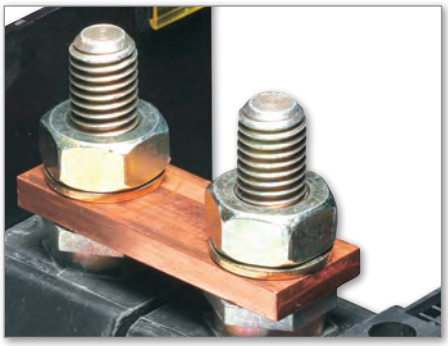
Technical data as per EN 60947-7:

Rated cross section:	95 mm² - 240 mm²	Rated current:	up to 415 A
Rated voltage:	1000 V		



High current blocks, type RFK

- Up to 240 mm² rated cross section
- Cable connection via ring lug connection technology, direct connection with rising cage or hybrid solutions
- Current carrying and cross connectors made of E-Cu
- Screws maintain torque via clamping body design, as well as lock washers



Lug ring connection blocks

- For the connection of cable lugs in versions from M 6 to M 12
- Screws maintain torque via lock washers
- Approved for international rail transportation standards

Accessories for **selos** POWER

- Covers for provision of protection against accidental touch
- Cross connectors made of E-Cu; 2, 3 and 4-pole
- Partition plates for visual and electrical separation
- All components can be marked with the standard Wieland marking system

Mounting notice

- When tightening the block screws, we recommend countering by holding the wire to avoid deformation of the mounting rail and to keep the foot of the block free of torsional forces.

More accessories page 124 ff.

BK M .../35

- Ring lug terminal for mounting on TS 35

Description	Type	Part No.	Std. Pack
Ring lug terminal	BK M 6/35	32.530.0053.0	25
	BK M 8/35	32.540.0053.0	25
	BK M 10/35	32.550.0053.0	25
	BK M 12/35	32.560.0053.0	25

General data				
Approvals				
Technical data	**BK M 6**	**BK M 8**	**BK M 10**	**BK M 12**
Width / height	19 x 56	24 x 65	35 x 72	35 x 74
Rated current	125 A	150 A	265 A	265 A
Rated voltage	1000 V / 8 kV / 3 with partition TW BK			

Accessories		Type	Part No.	Std. Pack
Partition	for BK M 6	TW BK M 6/35	07.340.3553.0	25
	for BK M 8	TW BK M 8/35	07.340.3653.0	25
	for BK M 10	TW BK M 10-12/35	07.340.3753.0	25
	for BK M 12	TW BK M 10-12/35	07.340.3753.0	25
Cross connector for tab connection blocks, from E-Cu	for 2 blocks BK M 6	VB BK M 6/35-2	07.205.5227.0	20
	for 3 blocks BK M 6	VB BK M 6/35-3	07.205.5327.0	10
	for 2 blocks BK M 8	VB BK M 8/35-2	07.205.7227.0	20
	for 3 blocks BK M 8	VB BK M 8/35-3	07.205.7327.0	10
	for 2 blocks BK M 10	VB BK M 10/35-2	07.205.8227.0	20
	for 3 blocks BK M 10	VB BK M 10/35-3	07.205.8327.0	10
	for 2 blocks BK M 12	VB BK M 12/35-2	07.205.9227.0	20
	for 3 blocks BK M 12	VB BK M 12/35-3	07.205.9327.0	10
Cover	for BK M 6	AD BK M 6-8/35	04.304.0181.0	1
	for BK M 8	AD BK M 6-8/35	04.304.0181.0	1
	for BK M 10	AD BK M 10-12/35	04.304.0281.0	1
	for BK M 12	AD BK M 10-12/35	04.304.0281.0	1
Installation clip for cover			05.564.0753.0	10

High current blocks with screw connection

RFK 1/95... S35

- High current block for mounting on TS 35
- Nominal cross section 95 mm²

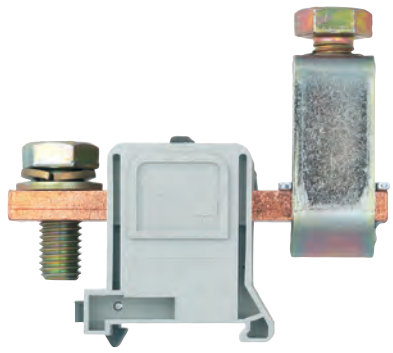
Description		Type	Part No.	Std. Pack
Feed-through block, gray	**F**	RFK 1/95 F S 35	56.395.0055.0	10
	K	RFK 1/95 K S 35	56.395.0155.0	10
	FK	RFK 1/95 FK S 35	56.395.0255.0	10
	FM	RFK 1/95 FM S 35	56.395.1055.0	10
	FMK	RFK 1/95 FMK S 35	56.395.1255.0	10

General data			
Width / length / height, incl. TS 7.5	see list p. 53		
Wire strip length	27 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	16–95 mm²		
Cross section solid/stranded	16–95 mm²		
Cross section, AWG		6-3/0	6-3/0
Rated current	250 A	200 A	200 A
Rated voltage	1000 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
Cover for RFK 1/..., yellow		AD RFK 95	Z7.409.5753.0	10
Partition/end plate	2.8 mm thick	TE/RFK 1/95	07.340.0353.0	50
Cross connector,	for 2 blocks	VB RFK 1/95/2/32	07.205.1227.0	20
from E-Cu	for 3 blocks	VB RFK 1/95/3/32	07.205.1327.0	10
	for 4 blocks	VB RFK 1/95/4/32	07.205.1427.0	10

RFK 1/150... S35

- High current block for mounting on TS 35
- Nominal cross section 150 mm²



Description		Type	Part No.	Std. Pack
Feed-through block, gray	**F**	RFK 1/150 F S35	56.397.0055.0	10
	K	RFK 1/150 K S35	56.397.0155.0	10
	FK	RFK 1/150 FK S35	56.397.0255.0	10
	FMK	RFK 1/150 FMK S35	56.397.1255.0	10

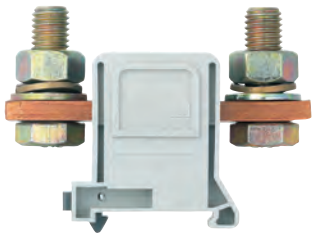
General data			
Width / length / height, incl. TS 7.5	see list p. 53		
Wire strip length	27 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	70–150 mm²		
Cross section solid/stranded	70–150 mm²		
Cross section, AWG		0 - 300 kcmil	0 - 300 kcmil
Rated current	335 A	275 A	300 A
Rated voltage	1000 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
Cover for RFK 1/..., yellow		AD RFK 150 - 240	Z7.409.5853.0	10
Partition/end plate	2.8 mm thick	TE/RFK 1/150 - 240 PA	07.340.1053.0	50
Cross connector,	for 2 blocks	VB RFK 1/185/2	07.201.4227.0	10
from E-Cu	for 3 blocks	VB RFK 1/185/3	07.201.4327.0	10
	for 4 blocks	VB RFK 1/185/4	07.201.4427.0	10

More accessories page 124 ff.

RFK 1/185... S35

- High current block for mounting on TS 35
- Nominal cross section 185 mm²



Description		Type	Part No.	Std. Pack
Feed-through block, gray	**F**	RFK 1/185 F S 35	56.398.0055.0	10
	FM	RFK 1/185 FM S 35	56.398.1055.0	10

General data			
Width / length / height, incl. TS 7.5	see list		
Wire strip length	27 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
For use with insulating sleeves	EN 60947-7-1		
Cross section fine-stranded	70–200 mm²		
Cross section solid/stranded	70–200 mm²		
Cross section, AWG		0 - 400 kcmil	0 - 400 kcmil
Rated current	353 A	375 A	375 A
Rated voltage	1000 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
Cover for RFK 1/..., yellow		AD RFK 150 - 240	Z7.409.5853.0	10
Partition/end plate	2.8 mm thick	TE/RFK 1/150 - 240 PA	07.340.1053.0	50
Cross connector,	for 2 blocks	VB RFK 1/185/2	07.201.4227.0	10
from E-Cu	for 3 blocks	VB RFK 1/185/3	07.201.4327.0	10
	for 4 blocks	VB RFK 1/185/4	07.201.4427.0	10

RFK 1/240... S35

- High current block for mounting on TS 35
- Nominal cross section 240 mm²

*) Use only cable lugs type DIN 46234

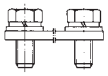
Description		Type	Part No.	Std. Pack
Feed-through block, gray	**F**	RFK 1/240 F S 35*)	56.399.0055.0	10
	K	RFK 1/240 K S 35	56.399.0155.0	10
	FK	RFK 1/240 FK S 35*)	56.399.0255.0	10
	FM	RFK 1/240 FM S 35*)	56.399.1055.0	10
	FMK	RFK 1/240 FMK S 35*)	56.399.1255.0	10

General data			
Width / length / height, incl. TS 7.5	see list		
Wire strip length	27 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
For use with insulating sleeves	EN 60947-7-1		
Cross section fine-stranded	70–240 mm²		
Cross section solid/stranded	70–240 mm²		
Cross section, AWG		0 - 500 kcmil	3/0 - 500 kcmil
Rated current	415 A	375 A	425 A
Rated voltage	1000 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

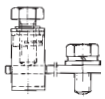
Accessories		Type	Part No.	Std. Pack
Cover for RFK 1/..., yellow		AD RFK 150 - 240	Z7.409.5853.0	10
Partition/end plate	2.8 mm thick	TE/RFK 1/150 - 240 PA	07.340.1053.0	50
Cross connector,	for 2 blocks	VB RFK 1/240/2	07.201.8227.0	10
from E-Cu	for 3 blocks	VB RFK 1/240/3	07.201.8327.0	10
	for 4 blocks	VB RFK 1/240/4	07.201.8427.0	10

Configurations

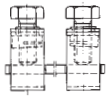
F



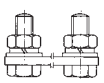
FK



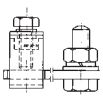
K



FM



FMK

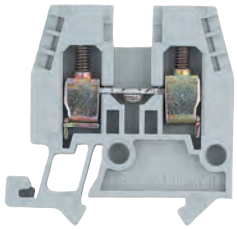


mm²	Type	Screw	Width mm	Length mm	Height, incl. TS 7.5 mm
95	F	M 10	32	92	55
	FM	M 10	32	92	65
	K, FK, FMK	M 10	32	92	78
150	F	M 12	42	92	55
	K, FK, FMK	M 12	42	92	78
185	F	M 12	42	92	55
	FM	M 12	42	92	70
240	F	M 12	42	92	55
	FM	M 12	42	92	77
	K, FK, FMK	M 12	42	92	93

Mini blocks with screw connection for TS 15

WKM 2,5/15

- Feed-through block for mounting on TS 15
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKM 2,5/15	55.503.1053.0	100
Feed-through block, blue	WKM 2,5/15 BLAU	55.503.1053.6	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 32 mm / 32 mm			
Wire strip length	9 mm			
Approvals				KEMA 02 ATEX 2114 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.5–2.5 mm²			0.5–2.5 mm²
Cross section solid/stranded	0.5–4 mm²			0.5–4 mm²
Cross section, AWG		22–14	24–12	
Rated current	25 A	10 A	25 A	20 A
Rated voltage	500 V	300 V	600 V	275 V
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate	gray	APM 2,5 - 4/15	07.311.0853.0	10
	blue	APM 2,5 - 4/15 BLAU	07.311.0853.6	10
Partition	gray	TWM 2,5 - 4/15	07.311.1853.0	10
Cross connector with screws,	2 pole	VB WKM 2,5/15-2	Z7.215.4227.0	50
E-Cu	3 pole	VB WKM 2,5/15-3	Z7.215.4327.0	50
	up to 6 pole	VB WKM 2,5/15-6	Z7.215.4627.0	50
	60 pole	VB WKM 2,5/15 M60	Z7.215.4027.0	10
Single cover f. cross conn. with marking facility		AD VB 2,5/15 GELB	04.326.3053.8	10
Partition plate with marking facility		TSM 2,5/15	07.311.2853.8	10

WKM 4/15

- Feed-through block for mounting on TS 15
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

[2] with/without jumper

Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKM 4/15	55.504.1053.0	100
Feed-through block, blue	WKM 4/15 BLAU	55.504.1053.6	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 32 mm / 32 mm			
Wire strip length	9 mm			
Approvals				KEMA 02 ATEX 2114 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.5–4 mm²			0.5–4 mm²
Cross section solid/stranded	0.5–6 mm²			0.5–6 mm²
Cross section, AWG		22–10	20–10	
Rated current	28 A	30 A	37 A	21/27 A[2]
Rated voltage	500 V	600 V	600 V	275 V
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
End plate	gray	APM 2,5 - 4/15	07.311.0853.0	10
	blue	APM 2,5 - 4/15 BLAU	07.311.0853.6	10
Partition	gray	TWM 2,5 - 4/15	07.311.1853.0	10
Cross connector with screws,	2 pole	IVB WK 4 E/U-2	Z7.271.2227.0	10
E-Cu	3 pole	IVB WK 4 E/U-3	Z7.271.2327.0	10
	up to 12 pole	IVB WK 4 E/U-12	Z7.271.3227.0	10
Single cover f. cross conn. with marking facility		AD VB 4/15 GELB	04.326.2953.8	10
Partition plate with marking facility		TSM 4/15	07.311.2953.8	10

WKM 4 SL/15

- Ground block for mounting on TS 15
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKM 4 SL/15	55.504.9153.0	100

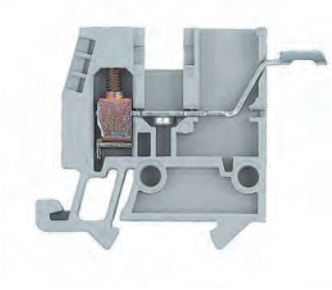
General data				
Width / length / height, incl. TS 7.5	6 mm / 32 mm / 32 mm			
Wire strip length	9 mm			
Approvals				KEMA 02 ATEX 2114 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.5–4 mm²			0.5–4 mm²
Cross section solid/stranded	0.5–6 mm²			0.5–6 mm²
Cross section, AWG		22–14	22–10	
Rated current		30 A		
Rated voltage	500 V	300 V		
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate	APM 4 SL/15	07.311.0753.0	10

More accessories page 124 ff.

WKM 2,5 F1/15

- Feed-through block with solder connection for mounting on TS 15
- Nominal cross section 2.5 mm²
- The terminal blocks of series WKM 2,5 F1/15 and WKM 2,5 F2/15 must be mounted alternately in order to maintain the required air and creepage distances for the indicated rated voltage.



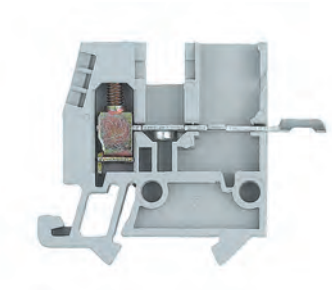
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKM 2,5 F1/15	55.503.1253.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 32 mm / 32 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG			
Rated current	24 A		
Rated voltage	500 V		
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate gray	APM 2,5 F./15	07.311.0653.0	10
Cross connector with screws, 2 pole	VB WKM 2,5/15-2	Z7.215.4227.0	50
E-Cu 3 pole	VB WKM 2,5/15-3	Z7.215.4327.0	50
up to 6 pole	VB WKM 2,5/15-6	Z7.215.4627.0	50
60 pole	VB WKM 2,5/15 M60	Z7.215.4027.0	10
Single cover f. cross conn. with marking facility	AD VB 2,5/15 GELB	04.326.3053.8	10
Partition plate with marking facility yellow	TSM 2,5/15	07.311.2853.8	10

WKM 2,5 F2/15

- Feed-through block solder connection for mounting on TS 15
- Nominal cross section 2.5 mm²
- The terminal blocks of series WKM 2,5 F1/15 and WKM 2,5 F2/15 must be mounted alternately in order to maintain the required air and creepage distances for the indicated rated voltage.

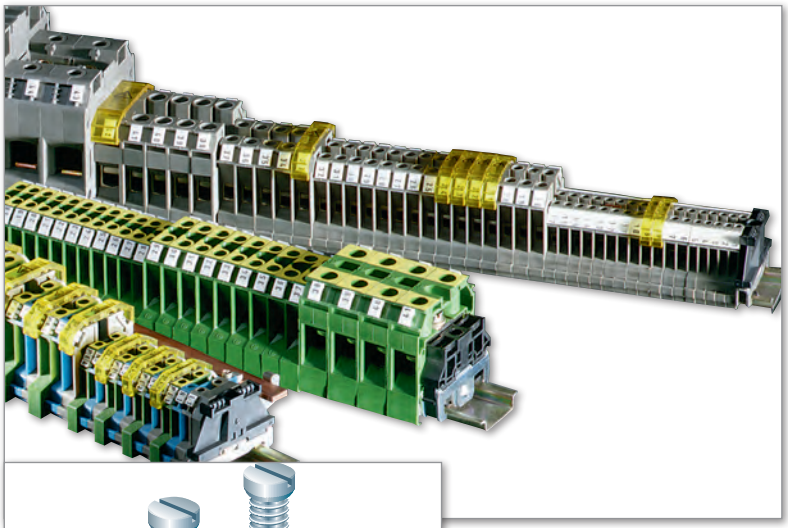


Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKM 2,5 F2/15	55.503.1353.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 32 mm / 32 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.5–2.5 mm²		
Cross section solid/stranded	0.5–4 mm²		
Cross section, AWG			
Rated current	24 A		
Rated voltage	500 V		
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate gray	APM 2,5 F./15	07.311.0653.0	10
Cross connector with screws, 2 pole	VB WKM 2,5/15-2	Z7.215.4227.0	50
E-Cu 3 pole	VB WKM 2,5/15-3	Z7.215.4327.0	50
up to 6 pole	VB WKM 2,5/15-6	Z7.215.4627.0	50
60 pole	VB WKM 2,5/15 M60	Z7.215.4027.0	10
Single cover f. cross conn. with marking facility	AD VB 2,5/15 GELB	04.326.3053.8	10
Partition plate with marking facility yellow	TSM 2,5/15	07.311.2853.8	10

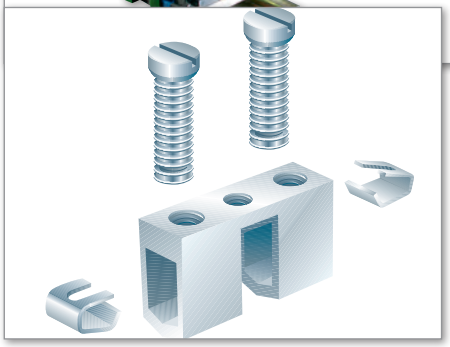
DIN rail terminal blocks with screw connection, type 9700 A.. S35



DIN rail terminal blocks with screw connection – *selos* CLASSIC

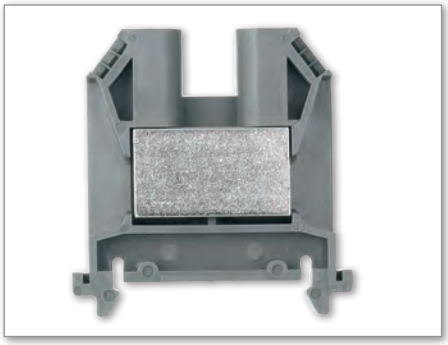
The ***selos*** CLASSIC series offers the highest-quality connecting technology. Thanks to its unique clamping body design, aluminum or copper wire connections are long lasting and maintenance-free.

The product line includes feed-through and ground blocks for wires up to 50 mm².



High-quality screw connection technology

- Steel free clamping body
  – Increased corrosion resistance
  – Extruded clamping body, nickel-plated brass
- Low contact resistance
  – Clamping body has similar physical and chemical characteristics as the conductor
  – One piece clamping body/current bar

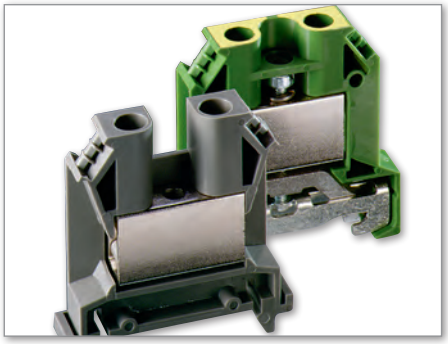


Connection of aluminum wires possible

The following always applies when connecting aluminium wires in the ***selos*** CLASSIC LINE:

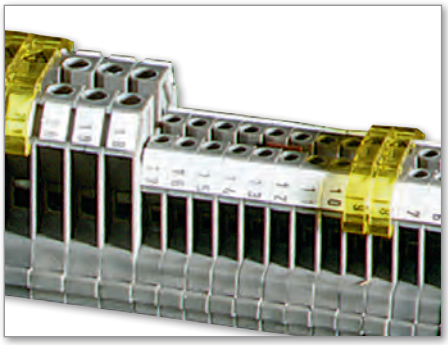
- After being stripped, the ends of the wires must be cleaned with a brush and then coated with acid-free grease to prevent further oxidation.
- The terminal should be tightened to approx. 20% higher torque than what is stated for the clamping screw.

With this type of terminal, it is not necessary to retighten the clamping screws.



Wide connection range

- Connection range 0.5 – 50 mm²
  Solid, fine-stranded and stranded wires can be connected to the terminal blocks of ***selos*** CLASSIC LINE without ferrules, as all block sizes have wire protection.



Compact design

- **Save space on the rail**
  selos CLASSIC LINE offers higher density due to the wire size and terminal block pitch:

Connection range	Pitch
2,5 mm²	5 mm
4 mm²	6 mm
10 mm²	8 mm
16 mm²	10 mm
25 mm²	12 mm
35 mm²	16 mm

More accessories page 124 ff.

Feed-through blocks with screw connection, type 9700 A.. S35

9700 A/5 S35

- Feed-through block for mounting on TS 35
- Nominal cross section 2.5 mm²

Description	Type	Part No.	Std. Pack
Feed-through block, gray	9700 A/5 S35	54.003.7553.0	100
Feed-through block, (Ex)i, blue	9700 A/5 S35 BLAU	54.003.7553.6	100
General data			
Width / length / height, incl. TS 7.5	5 mm / 47 mm / 38 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
Ratings for use of insulating sleeves	EN 60 947-7-1		
Cross section fine-stranded	0.5 – 2.5 mm²		
Cross section solid/stranded	0.5 – 4 mm²		
Cross section, AWG		18–12	22–12
Rated current	24 A	20/30 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	9701/6	07.310.3153.0	10
Partition, gray	9702/6	07.310.3453.0	10
Cross connector with screws, 2 pole	9703/5-2	Z7.215.0227.0	50
E-Cu, uninsulated 3 pole	9703/5-3	Z7.215.0327.0	50
4 pole	9703/5-4	Z7.215.0427.0	50
5 pole	9703/5-5	Z7.215.0527.0	50
6 pole	9703/5-6	Z7.215.0627.0	50
Cut-to-order strip 0,6 m long	9703/5-M	Z7.215.0027.0	10
2-pole switchable jumper		Z7.269.3523.0	50
Adapter for test plug	9011 D	05.508.8921.0	10
Cover with warn. symbol for 1 block yellow		04.325.1656.0	10

9700 A/6 S35

- Feed-through block for mounting on TS 35
- Nominal cross section 4 mm²

Description	Type	Part No.	Std. Pack
Feed-through block, gray	9700 A/6 S35	54.004.7553.0	100
Feed-through block, (Ex)i, blue	9700 A/6 S35 BLAU	54.004.7553.6	100
General data			
Width / length / height, incl. TS 7.5	6 mm / 47 mm / 38 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
Ratings for use of insulating sleeves	EN 60 947-7-1		
Cross section fine-stranded	0.5 – 4 mm²		
Cross section solid/stranded	0.5 – 6 mm²		
Cross section, AWG		18–10	22–10
Rated current	32 A	30/30 A	35 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	9701/6	07.310.3153.0	10
Partition, gray	9702/6	07.310.3453.0	10
Cross connector with screws, 2 pole	9703/6-2	Z7.211.0227.0	50
E-Cu, uninsulated 3 pole	9703/6-3	Z7.211.0327.0	50
4 pole	9703/6-4	Z7.211.0427.0	50
5 pole	9703/6-5	Z7.211.0527.0	50
6 pole	9703/6-6	Z7.211.0627.0	50
Cut-to-order strip 0,6 m long	9703/6-M	Z7.211.0027.0	10
2-pole switchable jumper		Z7.269.2923.0	50
Adapter for test plug	9011 C	05.508.8821.0	10
Cover with warn. symbol for 1 block yellow		04.325.1056.0	10

Feed-through blocks with screw connection, type 9700 A.. S35

9700 A/8 S35

- Feed-through block for mounting on TS 35
- Nominal cross section 10 mm²

Description	Type	Part No.	Std. Pack
Feed-through block, gray	9700 A/8 S 35	54.010.7553.0	100
Feed-through block, (Ex)i, blue	9700 A/8 S 35 BLAU	54.010.7553.6	100

General data			
Width / length / height, incl. TS 7.5	8 mm / 47 mm / 48 mm		
Wire strip length	12 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	1 – 10 mm²		
Cross section solid/stranded	1 – 10 mm²		
Cross section, AWG		18–8	18–8
Rated current	57 A	50/50 A	55 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate	gray	9701/8	07.310.3253.0	10
Partition	gray	9702/8	07.310.3553.0	10
Cross connector with screws,	2 pole	9703/8-2	Z7.212.0227.0	50
E-Cu, uninsulated	3 pole	9703/8-3	Z7.212.0327.0	50
	4 pole	9703/8-4	Z7.212.0427.0	50
	5 pole	9703/8-5	Z7.212.0527.0	50
	6 pole	9703/8-6	Z7.212.0627.0	50
2-pole switchable jumper			Z7.269.3023.0	50
Adapter for test plug		9011 B	05.508.3221.0	10
Cover with warn. symbol for 1 block	yellow		04.325.1156.0	10
Rapid mounting tool			05.593.5953.0	10

9700 A/10 S35

- Feed-through block for mounting on TS 35
- Nominal cross section 16 mm²

Description	Type	Part No.	Std. Pack
Feed-through block, gray	9700 A/10 S 35	54.016.7553.0	100
Feed-through block, (Ex)i, blue	9700 A/10 S 35 BLAU	54.016.7553.6	100

General data			
Width / length / height, incl. TS 7.5	10 mm / 49 mm / 51 mm		
Wire strip length	15 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	1.5 – 16 mm²		
Cross section solid/stranded	1.5 – 16 mm²		
Cross section, AWG		18–6	18–6
Rated current	76 A	65/70 A	70 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate	gray	9701/10	07.310.3953.0	10
Partition	gray	9702/10	07.310.4053.0	10
Cross connector with screws,	2 pole	9703/10-2	Z7.214.0227.0	50
E-Cu, uninsulated	3 pole	9703/10-3	Z7.214.0327.0	50
	4 pole	9703/10-4	Z7.214.0427.0	50
	5 pole	9703/10-5	Z7.214.0527.0	50
	6 pole	9703/10-6	Z7.214.0627.0	50
2-pole switchable jumper			Z7.269.3123.0	50
Adapter for test plug		9011 A	05.508.3121.0	10
Cover with warn. symbol for 1 block	yellow		04.325.1256.0	10

More accessories page 124 ff.

9700 A/12 S35

- Feed-through block for mounting on TS 35
- Nominal cross section 25 mm²

Description	Type	Part No.	Std. Pack
Feed-through block, gray	9700 A/12 S 35	54.025.7553.0	50
Feed-through block, (Ex)i, blue	9700 A/12 S 35 BLAU	54.025.7553.6	50

General data			
Width / length / height, incl. TS 7.5	12 mm / 59 mm / 58 mm		
Wire strip length	20 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	2.5 – 25 mm²		
Cross section solid/stranded	2.5 – 35 mm²		
Cross section, AWG		14–4	14–4
Rated current	101 A	85/100 A	100 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate	gray	9701/12	07.310.3353.0	10
Partition	gray	9702/12	07.310.3653.0	10
Cross connector with screws,	2 pole	9703/12-2	Z7.213.0227.0	50
E-Cu, uninsulated	3 pole	9703/12-3	Z7.213.0327.0	50
	4 pole	9703/12-4	Z7.213.0427.0	50
	5 pole	9703/12-5	Z7.213.0527.0	50
	6 pole	9703/12-6	Z7.213.0627.0	50
2-pole switchable jumper			Z7.269.3223.0	50
Adapter for test plug			05.508.6521.0	10
Cover with warn. symbol for 1 block	yellow		04.325.1356.0	10

9700 A/16 S35

- Feed-through block for mounting on TS 35
- Nominal cross section 35 mm²

Description	Type	Part No.	Std. Pack
Feed-through block, gray	9700 A/16 S 35	54.035.7553.0	50
Feed-through block, (Ex)i, blue	9700 A/16 S 35 BLAU	54.035.7553.6	50

General data			
Width / length / height, incl. TS 7.5	16 mm / 59 mm / 58 mm		
Wire strip length	20 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	2,5 – 35 mm²		
Cross section solid/stranded	2,5 – 50 mm²		
Cross section, AWG		6–2	12–2
Rated current	125 A	115/130 A	125 A
Rated voltage	1000 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate	gray	9701/12	07.310.3353.0	10
Partition	gray	9702/12	07.310.3653.0	10
Cross connector with screws,	2 pole	9703/16-2	Z7.216.0227.0	50
E-Cu, uninsulated	3 pole	9703/16-3	Z7.216.0327.0	50
	4 pole	9703/16-4	Z7.216.0427.0	50
	5 pole	9703/16-5	Z7.216.0527.0	50
	6 pole	9703/16-6	Z7.216.0627.0	50
2-pole switchable jumper			Z7.269.3423.0	50
Adapter for test plug			05.508.6521.0	10
Cover with warn. symbol for 1 block	yellow		04.325.1456.0	10

Ground blocks with screw connection, Typ 9700 A.. S35

9700 A/6 SL2 S35

- Ground block for mounting on TS 35
- Nominal cross section 4 mm²

Description	Type	Part No.	Std. Pack
Ground block, green-yellow	9700 A/6 SL 2 S 35	56.004.9053.0	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 48 mm / 38 mm		
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-2		
Cross section fine-stranded	0.5 – 4 mm²		
Cross section solid/stranded	0.5 – 6 mm²		
Cross section, AWG		18–10	22–10
Rated current			
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, green	9701/6 SL	07.312.0053.0	10

9700 A/8 SL2 S35

- Ground block for mounting on TS 35
- Nominal cross section 10 mm²

Description	Type	Part No.	Std. Pack
Ground block, green-yellow	9700 A/8 SL 2 S 35	56.010.9053.0	100

General data			
Width / length / height, incl. TS 7.5	8 mm / 53 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-2		
Cross section fine-stranded	0.5 – 10 mm²		
Cross section solid/stranded	0.5 – 10 mm²		
Cross section, AWG		18–8	18–8
Rated current			
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, green	9701/8 SL	07.312.0153.0	10

9700 A/10 SL2 S35

- Ground block for mounting on TS 35
- Nominal cross section 16 mm²

Description	Type	Part No.	Std. Pack
Ground block, green-yellow	9700 A/10 SL 2 S 35	56.016.9053.0	50

General data			
Width / length / height, incl. TS 7.5	10 mm / 53 mm / 51 mm		
Wire strip length	16 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-2		
Cross section fine-stranded	1.5 – 16 mm²		
Cross section solid/stranded	1.5 – 16 mm²		
Cross section, AWG		18–6	16–6
Rated current			
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, green	9701/10 SL	07.312.0253.0	10

More accessories page 124 ff.

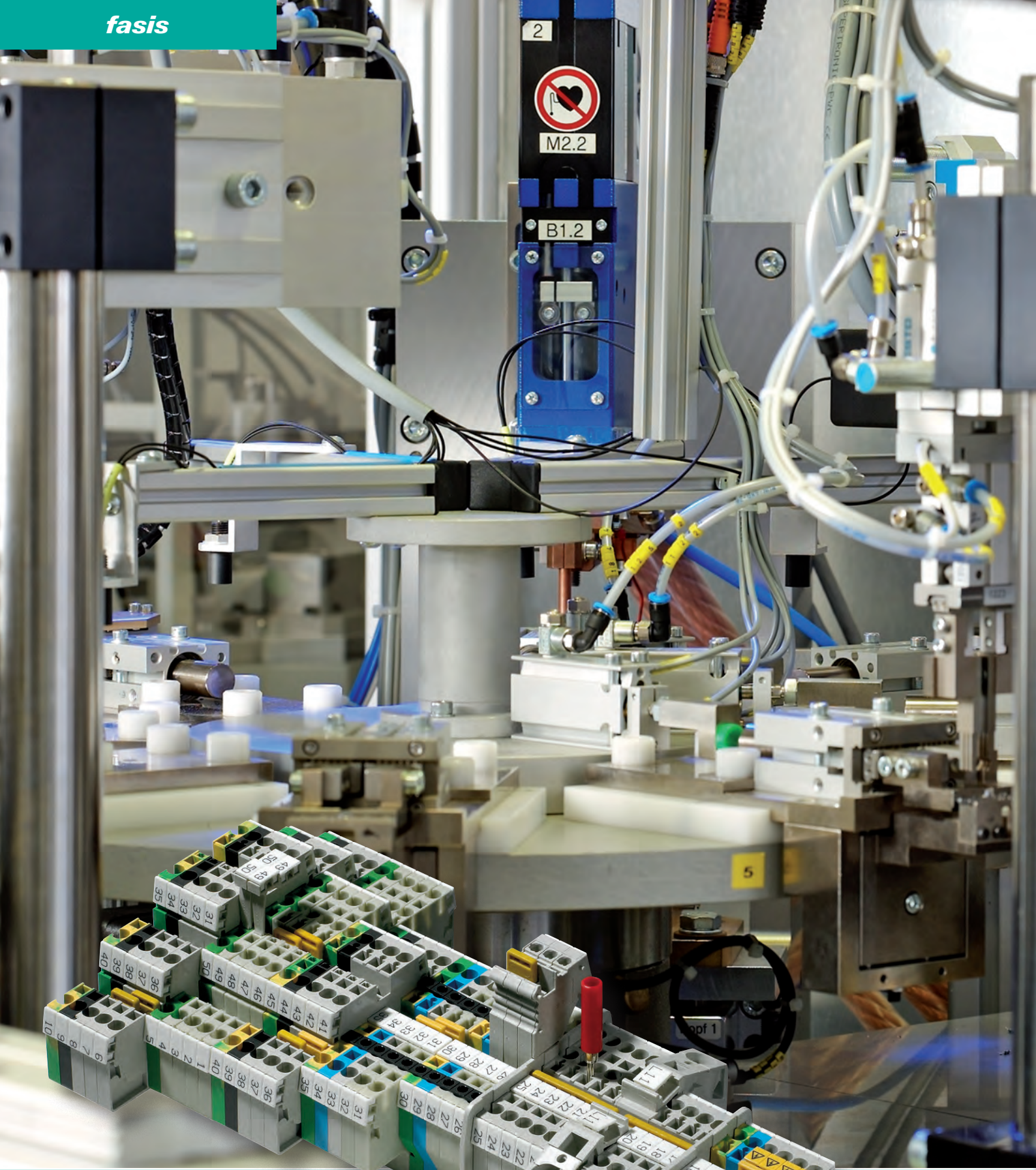
9700 A/16 SL2 S35

- Ground block for mounting on TS 35
- Nominal cross section 35 mm²

Description	Type	Part No.	Std. Pack
Ground block, green-yellow	9700 A/16 SL 2 S 35	56.035.9053.0	50

General data			
Width / length / height, incl. TS 7.5	16 mm / 53 mm / 58 mm		
Wire strip length	18 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-2		
Cross section fine-stranded	2.5 – 35 mm²		
Cross section solid/stranded	2.5 – 50 mm²		
Cross section, AWG		12–2	12–2
Rated current			
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, green	9701/16 SL	07.312.0353.0	10


2
M2.2
B1.2
5

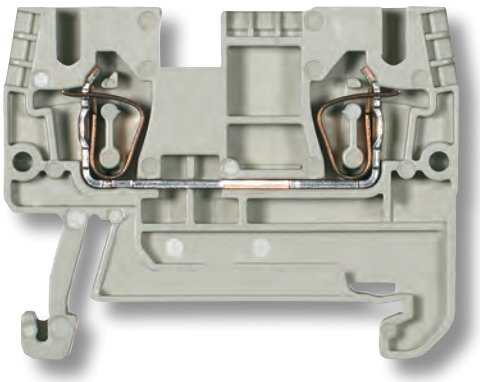
fasis WKFN – DIN Rail Terminal Blocks with **Tension Spring Connection**

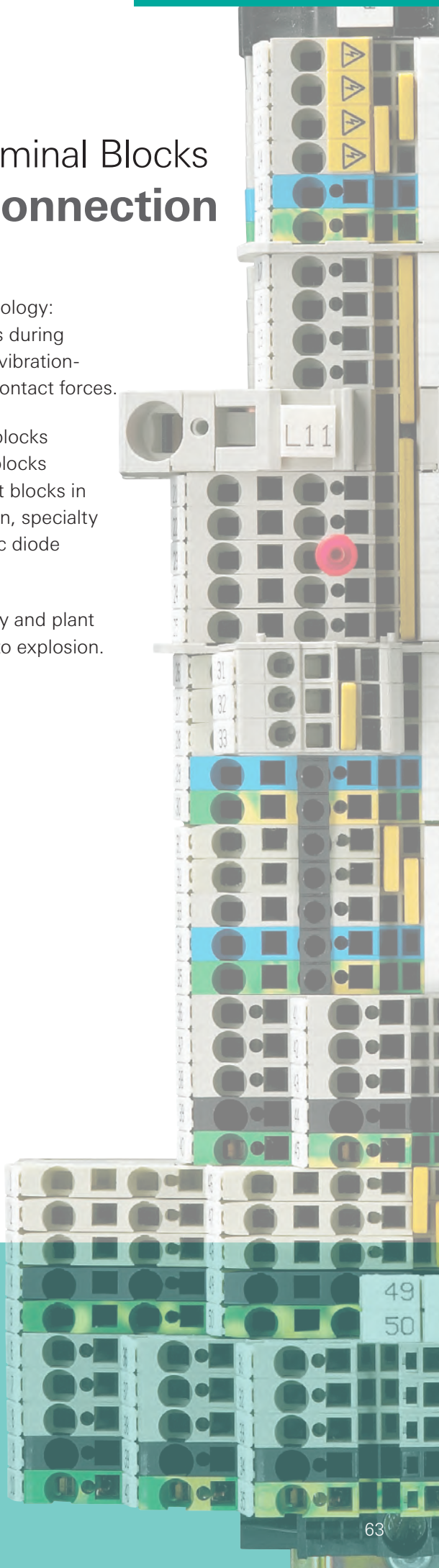
The DIN rail terminal block with tension spring technology: ***fasis*** WKFN is easy to operate, saves time and costs during wiring and reduces inventory costs, and guarantees vibration-proof and maintenance-free connections with high contact forces.

The product line includes feed-through and ground blocks with 2, 3 or 4 termination point as well as multi-tier blocks in two- and three-tier designs, knife-edge disconnect blocks in one- and two-tier designs and fuse blocks. In addition, specialty function blocks are available with application-specific diode circuits.

fasis WKFN has been designed for use in machinery and plant construction as well as hazardous locations subject to explosion.

Connection cross-sections up to 35 mm²
Rated current of up to 125 A
Rated voltage of up to 1000 V

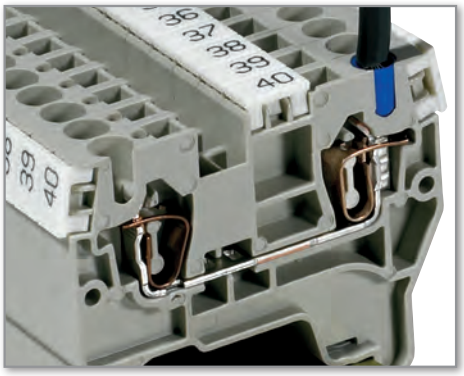


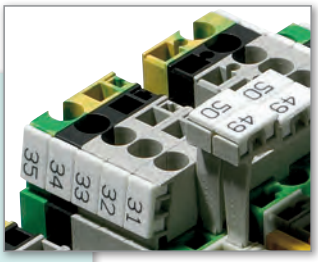


DIN rail terminal blocks with tension spring connection

The terminals

- Secure and maintenance-free tension spring connection
- High quality, dynamic contact technology with steel spring and copper current carrying bar
- Easy to wire front connection
- Connection of fine-stranded wires with and without wire ferrules
- Simple operation with a standard screwdriver
- Screwdriver is held securely in the terminal for optimal handling while connecting wires

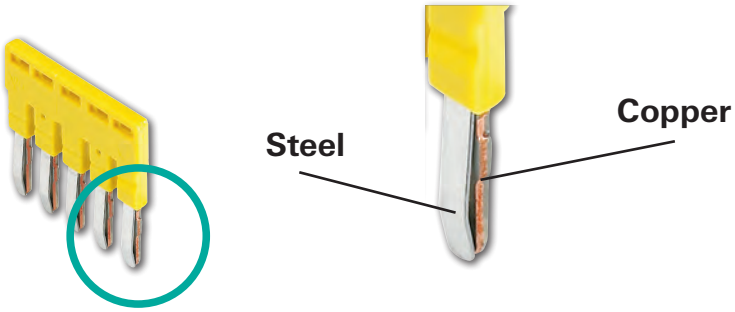




The system

- Compact design for wiring in confined spaces (to 35 mm²)
- Plug-in system provides a Plug & Play solution in the control cabinet – ***fasis*** CON
- Plug-in jumper bars
- Screwless, snap-on ground terminal
- Function check via modular test adapter through test point in the jumpering channel
- Integrated test jacks in all blocks
- Many labeling options

Wieland jumpering system – Perfect technology



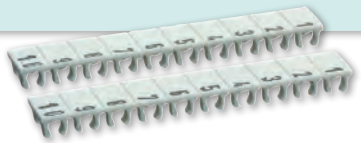
Perfect technology
- Copper current bar guarantees low contact resistance
- Steel spring guarantees strength, durability, and long-term stability

Extremely rugged!
- Indestructible steel spring
- Vibration-proof connection

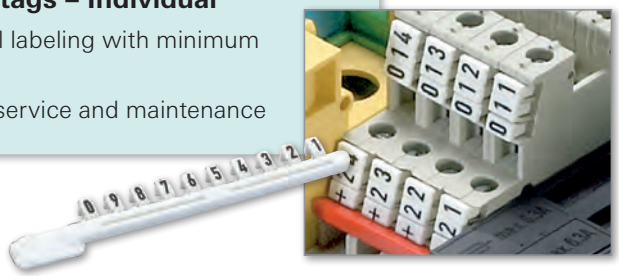
Simple customization
- Individual poles easy to remove
- Circuits easy to identify

Wieland marking system – Reliable identification

Marking strips – Dependable
- Maximum hold to the terminal
- Solidify integrity of the assembly



Marking tags – Individual
- Individual labeling with minimum effort
- Ideal for service and maintenance



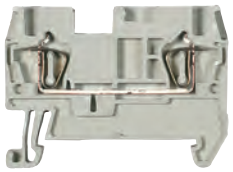
The accessories

- Wire entry guide strips for secure connection of wires smaller than 1 mm²
- Snap-on covers with warning symbols
- Wieland screwdriver for optimal operation of spring tension terminals

Feed-through blocks with tension spring connection

WKF 1,5/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149



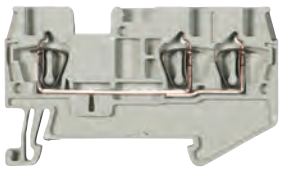
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKF 1,5/35	56.702.0053.0	50
Feed-through block, blue	WKF 1,5/35 BLAU	56.702.0053.6	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 49 mm / 37 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		26–14	26–14	
Rated current	17.5 A	15 A	15 A	17.5/16.5 A[3)]
Rated voltage	500 V	300 V	300 V	440 V*[)]
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APF 1,5	07.312.8153.0	10
Partition, gray	TWF 1,5	07.312.8253.0	10

WKF 1,5 D1/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149



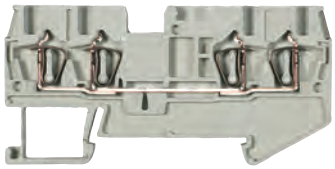
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKF 1,5 D1/2/35	56.702.5053.0	50
Feed-through block, blue	WKF 1,5 D1/2/35 BLAU	56.702.5053.6	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 60 mm / 37 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		26–14	26–14	
Rated current	17.5 A	15 A	15 A	17.5/16.5 A[3)]
Rated voltage	500 V	300 V	300 V	440 V*[)]
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APF 1,5 D1/2	07.312.8353.0	10
Segment end plate, gray	SAPF 1,5	07.312.8953.0	10
Partition, gray	TWF 1,5 D1/2	07.312.8453.0	10

WKF 1,5 D2/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149



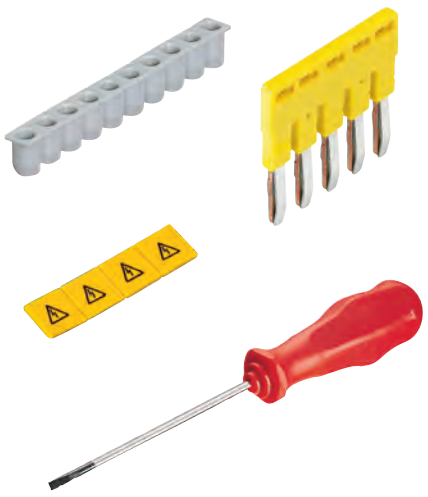
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKF 1,5 D2/2/35	56.702.5153.0	50
Feed-through block, blue	WKF 1,5 D2/2/35 BLAU	56.702.5153.6	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 72 mm / 37 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		26–14	26–14	
Rated current	17.5 A	15 A	15 A	17.5/16.5 A[3)]
Rated voltage	500 V	300 V	300 V	440 V*[)]
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APF 1,5 D2/2	07.312.8553.0	10
Segment end plate, gray	SAPF 1,5	07.312.8953.0	10
Partition, gray	TWF 1,5 D2/2	07.312.8653.0	10

More accessories page 124 ff.

Accessories for *fasis* WKF 1,5...



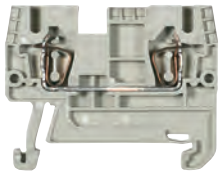
Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 1,5–2	Z7.268.0227.0	10
	3 pole	IVB WKF 1,5–3	Z7.268.0327.0	10
	4 pole	IVB WKF 1,5–4	Z7.268.0427.0	10
	5 pole	IVB WKF 1,5–5	Z7.268.0527.0	10
	10 pole	IVB WKF 1,5–10	Z7.268.1027.0	10
	20 pole	IVB WKF 1,5–20	Z7.268.2027.0	10
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.564.4253.0	10
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.564.4353.0	10
Cover with warning symbol over 5 blocks		ADF 1,5/5 GELB	04.343.6953.8	10
Screwdriver, uninsulated		DIN 5264 B 0,4x2,5	06.502.4300.0	5

*) For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.
3) Rated current when using cross connectors

Feed-through blocks with tension spring connection

WKFN 2,5/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



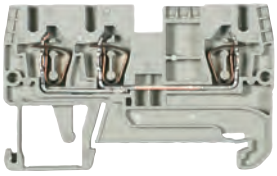
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 2,5/35	56.703.0055.0	100
Feed-through block, blue	WKFN 2,5/35 BLAU	56.703.0055.6	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 47 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR UL CSA SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-1-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current	24 A	20 A	24 A	22 A[1)]
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				[1)] for 40 K and 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5	07.312.6755.0	10
End plate, blue	APFN 2,5 BLAU	07.312.6755.6	10
Partition, gray	TWFN 2,5	07.312.6855.0	10

WKFN 2,5 D1/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



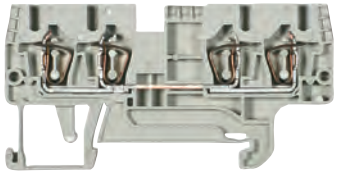
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 2,5 D1/2/35	56.703.5055.0	100
Feed-through block, blue	WKFN 2,5 D1/2/35 BLAU	56.703.5055.6	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 60 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR UL CSA SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-1-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current	24 A	20 A	24 A	22 A[1)]
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				[1)] for 40 K and 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D1/2	07.312.6955.0	10
End plate, blue	APFN 2,5 D1/2 BLAU	07.312.6955.6	10
Partition, gray	TWFN 2,5 D1/2	07.312.7055.0	10

WKFN 2,5 D2/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 2,5 D2/2/35	56.703.5155.0	100
Feed-through block, blue	WKFN 2,5 D2/2/35 BLAU	56.703.5155.6	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 72 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR UL CSA SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-1-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current	24 A	20 A	24 A	22 A[1)]
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				[1)] for 40 K and 45 K

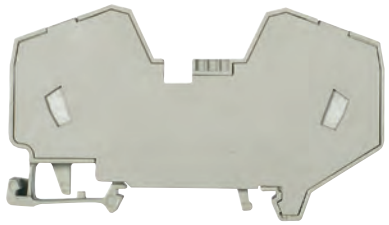
Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D2/2	07.312.7155.0	10
End plate, blue	APFN 2,5 D2/2 BLAU	07.312.7155.6	10
Partition, gray	TWFN 2,5 D2/2	07.312.7255.0	10

More accessories page 124 ff.

Supply block

WKF 16/35 PV/WKFN

- Supply block for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Power feed-in block, gray	WKF 16/35 PV/WKFN	56.716.0353.0	20

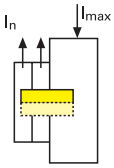
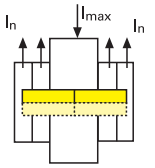
General data				
Width / length / height, incl. TS 7.5	12 mm / 82 mm / 48 mm			
Wire strip length	15 mm			
Approvals	ATEX			KEMA 01 ATEX 2087 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	4–16 mm²			4–16 mm²
Cross section solid/stranded	4–16 mm²			4–16 mm²
Cross section, AWG		24–4	12–4	
Rated current	76 A	75 A	78 A	64 A*)
Rated voltage	800 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note	* Type-specific output currents upon request			

Accessories	Type	Part No.	Std. Pack
Cover with warning symbol over 4 blocks	ADF 16/4 GELB	04.343.6653.8	10
Screwdriver, uninsulated	DIN 5264 B 1,0x5,5	06.502.4200.0	5

– Potential distribution with standard cross connector IVB WKF 2.5...

– Parallel connection of two cross connectors –> double jumpering

– Potential distributions are possible on one or both sides

Potential-distribution				
Jumpering	one side		both sides	
	single	double	single	double
I_{max}	48	68	72	76

$$I_{max} = \sum I_n \leq \sum I_{N\ block}$$

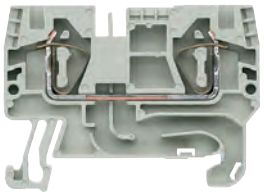
Accessories for *fasis* WKFN 2,5...

Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Feed-through blocks with tension spring connection

WKFN 4/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



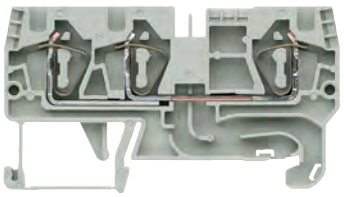
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 4/35	56.704.0055.0	100
Feed-through block, blue	WKFN 4/35 BLAU	56.704.0055.6	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 51 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR UL CSA Ⓔx			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current	32 A	30 A	32 A	28/30 A[1)]
Rated voltage	800 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				[1)] 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4	07.312.9255.0	10
End plate, blue	APFN 4 BLAU	07.312.9255.6	10
Partition, gray	TWFN 4	07.312.9355.0	10

WKFN 4 D1/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



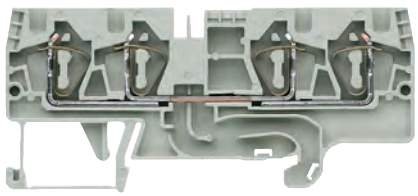
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 4 D1/2/35	56.704.5055.0	100
Feed-through block, blue	WKFN 4 D1/2/35 BLAU	56.704.5055.6	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 67 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR UL CSA Ⓔx			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current	32 A	30 A	32 A	28/30 A[1)]
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				[1)] 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D1/2	07.312.9455.0	10
End plate, blue	APFN 4 D1/2 BLAU	07.312.9455.6	10
Partition, gray	TWFN 4 D1/2	07.312.9555.0	10

WKFN 4 D2/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 4 D2/2/35	56.704.5155.0	100
Feed-through block, blue	WKFN 4 D2/2/35 BLAU	56.704.5155.6	100

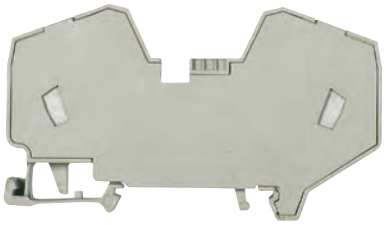
General data				
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR UL CSA Ⓔx			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current	32 A	30 A	32 A	28/30 A[1)]
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				[1)] 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10
End plate, blue	APFN 4 D2/2 BLAU	07.312.9055.6	10
Partition, gray	TWFN 4 D2/2	07.312.9155.0	10

More accessories page 124 ff.

WKF 16/35 PV/WKFN

- Supply block for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II Ex II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Power feed-in block, gray	WKF 16/35 PV/WKFN	56.716.0353.0	20

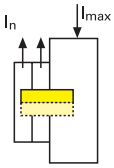
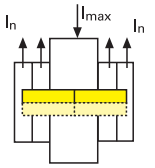
General data				
Width / length / height, incl. TS 7.5	12 mm / 82 mm / 48 mm			
Wire strip length	15 mm			
Approvals				KEMA 01 ATEX 2087 U
Technical data	**IEC**	**UL**	**CSA**	Ex
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	4–16 mm²			4–16 mm²
Cross section solid/stranded	4–16 mm²			4–16 mm²
Cross section, AWG		24–4	12–4	
Rated current	76 A	75 A	78 A	64 A*
Rated voltage	800 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note	* Type-specific output currents upon request			

Accessories	Type	Part No.	Std. Pack
Cover with warning symbol over 4 blocks	ADF 16/4 GELB	04.343.6653.8	10
Screwdriver, uninsulated	DIN 5264 B 1,0x5,5	06.502.4200.0	5

– Potential distribution with standard cross connector IVB WKF 4...

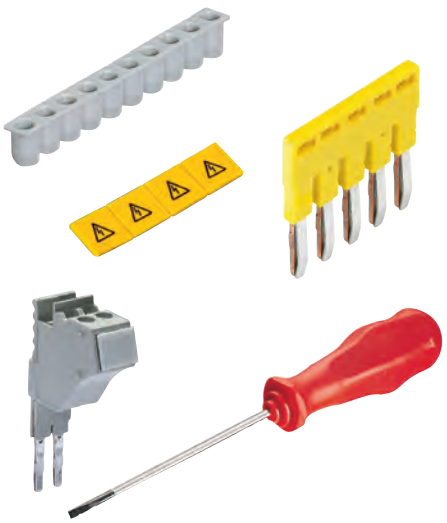
– Parallel connection of two cross connectors –> double jumpering

– Potential distributions are possible on one or both sides

Potential distribution				
Jumpering	one side		both sides	
	single	double	single	double
I_{max}	64	76	76	76

$$I_{max} = \sum I_n \leq \sum I_{N\ block}$$

Accessories for *fasis* WKFN 4...

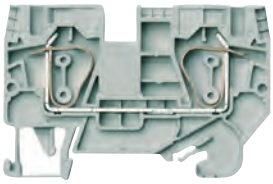


Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	VB WKF 4–2	Z7.261.1227.0	10
	3 pole	IVB WKF 4–3	Z7.261.1327.0	10
	4 pole	IVB WKF 4–4	Z7.261.1427.0	10
	5 pole	IVB WKF 4–5	Z7.261.1527.0	10
	6 pole	IVB WKF 4–6	Z7.261.1627.0	10
	7 pole	IVB WKF 4–7	Z7.261.1727.0	20
	8 pole	IVB WKF 4–8	Z7.261.1827.0	20
	9 pole	IVB WKF 4–9	Z7.261.1927.0	20
	10 pole	IVB WKF 4–10	Z7.261.2027.0	20
Wire entry guide	0.13–0.2 mm²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm²	LEL 4/3 SCHWARZ	05.561.8753.0	100
Cover with warning symbol over 4 blocks	yellow	ADF 4/4 GELB	04.343.6153.8	10
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Feed-through blocks with tension spring connection

WKFN 6/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



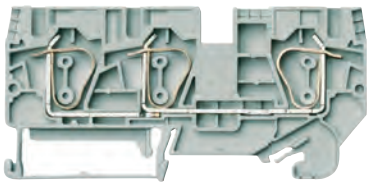
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 6/35	56.706.0055.0	100
Feed-through block, blue	WKFN 6/35 BLAU	56.706.0055.6	100

General data				
Width / length / height, incl. TS 7.5	8 mm / 66 mm / 45 mm			
Wire strip length	12 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm²			0.2–6 mm²
Cross section solid/stranded	1.5–10 mm²			1.5–10 mm²
Cross section, AWG		24–8	24–8	
Rated current	41 A	50 A	41 A	39/41 A*
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				* 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 6	07.313.0455.0	10
End plate, blue	APFN 6 BLAU	07.313.0455.6	10
Partition, gray	TWFN 6	07.313.0555.0	10

WKFN 6 D1/2/35

- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

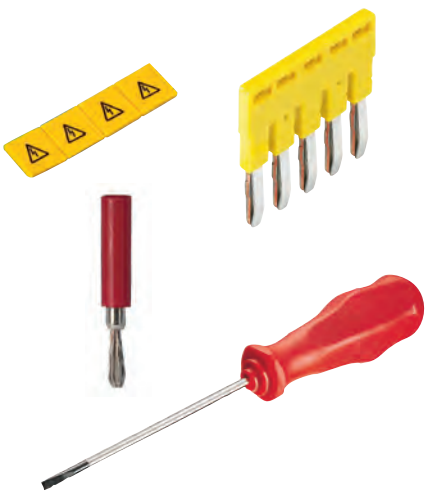


Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 6 D1/2/35	56.706.5055.0	100
Feed-through block, blue	WKFN 6 D1/2/35 BLAU	56.706.5055.6	100

General data				
Width / length / height, incl. TS 7.5	8 mm / 90 mm / 45 mm			
Wire strip length	12 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm²			0.2–6 mm²
Cross section solid/stranded	1.5–10 mm²			1.5–10 mm²
Cross section, AWG		24–8	24–8	
Rated current	41 A	50 A	41 A	39/41 A*
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				* 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 6 D1/2	07.313.0655.0	10
End plate, blue	APFN 6 D1/2 BLAU	07.313.0655.6	10
Partition, gray	TWFN 6 D1/2	07.313.0755.0	10

Accessories for *fasis* WKFN 6...



Accessories		Type	Part No.	Std. Pack
Cross connector, insulated**	2 pole	IVB WKFN 6–2	Z7.282.5227.0	10
	3 pole	IVB WKFN 6–3	Z7.282.5327.0	10
	4 pole	IVB WKFN 6–4	Z7.282.5427.0	10
	5 pole	IVB WKFN 6–5	Z7.282.5527.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 6/4 GELB	04.343.6253.8	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,8x4	06.502.4100.0	5

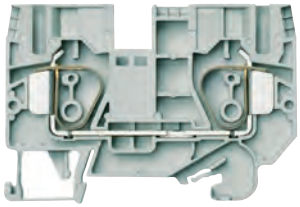
** When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.

More accessories page 124 ff.

WKFN 10/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

[3] Pls. note that the current must be reduced for EX applications.



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 10/35	56.710.0055.0	50
Feed-through block, blue	WKFN 10/35 BLAU	56.710.0055.6	50

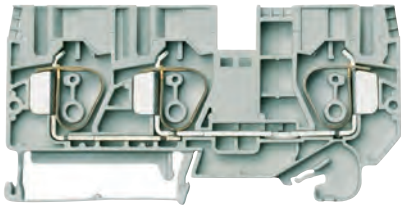
General data				
Width / length / height, incl. TS 7.5	10 mm / 72 mm / 50 mm			
Wire strip length	15 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–10 mm²			0.2–10 mm²
Cross section solid/stranded	1.5–16 mm²			1.5–16 mm²
Cross section, AWG		16–6	16–6	
Rated current	57 A	60 A	65 A	52/57 A*
Rated voltage	800 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				* 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 10	07.313.0855.0	10
End plate, blue	APFN 10 BLAU	07.313.0855.6	10
Partition, gray	TWFN 10	07.313.0955.0	10

WKFN 10 D1/2/35

- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

[3] Pls. note that the current must be reduced for EX applications.



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 10 D1/2/35	56.710.5055.0	50
Feed-through block, blue	WKFN 10 D1/2/35 BLAU	56.710.5055.6	50

General data				
Width / length / height, incl. TS 7.5	10 mm / 98 mm / 50 mm			
Wire strip length	15 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–10 mm²			0.2–10 mm²
Cross section solid/stranded	1.5–16 mm²			1.5–16 mm²
Cross section, AWG		16–6	16–6	
Rated current	57 A	60 A	65 A	52/57 A*
Rated voltage	1000 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				* 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 10 D1/2	07.313.1055.0	10
End plate, blue	APFN 10 D1/2 BLAU	07.313.1055.6	10
Partition, gray	TWFN 10 D1/2	07.313.1155.0	10

Accessories for *fasis* WKFN 10...

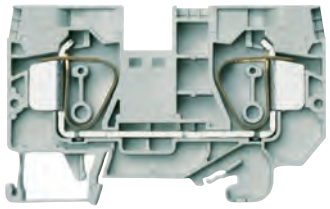
Accessories		Type	Part No.	Std. Pack
Cross connector, insulated**	2 pole	IVB WKF 10–2	Z7.283.8227.0	10
Reducing jumper, WKF 35 to WKFN 10[3]		IVB WKFN 35R10	Z7.285.6427.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 10/4 GELB	04.343.6453.8	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 1x5,5	06.502.4200.0	5

** When cross connectors are used acc. to EN 60079-0 and EN 60079-7 the current must be reduced to 4 A/40 K or 5 A/45 K for type WKFN 10/35.

Feed-through blocks with tension spring connection

WKFN 16/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



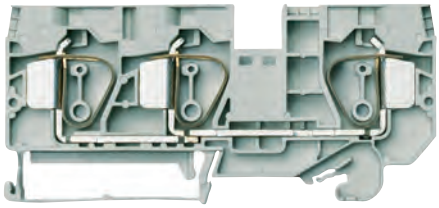
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 16/35	56.716.0055.0	50
Feed-through block, blue	WKFN 16/35 BLAU	56.716.0055.6	100

General data				
Width / length / height, incl. TS 7.5	12 mm / 79 mm / 50 mm			
Wire strip length	16 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–16 mm²			0.2–16 mm²
Cross section solid/stranded	1.5–25 mm²			1.5–25 mm²
Cross section, AWG		16–4	16–4	
Rated current	76 A	85 A	85 A	74/76 A*
Rated voltage	1000 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				* 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 16	07.313.1255.0	10
End plate, blue	APFN 16 BLAU	07.313.1255.6	10
Partition, gray	TWFN 16	07.313.1355.0	10
Cross connector, insulated** 2 pole	IVB WKF 16–2	Z7.284.4227.0	10
Cover with warning symbol for 4 blocks	ADF 16/4 GELB	04.343.6653.8	10

WKFN 16 D1/2/35

- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



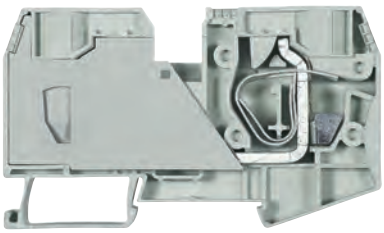
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKFN 16 D1/2/35	56.716.5055.0	50
Feed-through block, blue	WKFN 16 D1/2/35 BLAU	56.716.5055.6	100

General data				
Width / length / height, incl. TS 7.5	12 mm / 107 mm / 50 mm			
Wire strip length	16 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–16 mm²			0.2–16 mm²
Cross section solid/stranded	1.5–25 mm²			1.5–25 mm²
Cross section, AWG		16–4	16–4	
Rated current	76 A	85 A	85 A	74/76 A*
Rated voltage	1000 V	600 V	600 V	550 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				* 1. value at 40 K/ 2. value at 45 K

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 16 D1/2	07.313.1455.0	10
End plate, blue	APFN 16 D1/2 BLAU	07.313.1455.6	10
Partition, gray	TWFN 16 D1/2	07.313.1555.0	10
Cross connector, insulated** 2 pole	IVB WKF 16–2	Z7.284.4227.0	10
Cover with warning symbol for 4 blocks	ADF 16/4 GELB	04.343.6653.8	10

WKF 35/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 35 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKF 35/35	56.735.0053.0	10
Feed-through block, blue	WKF 35/35 BLAU	56.735.0053.6	10

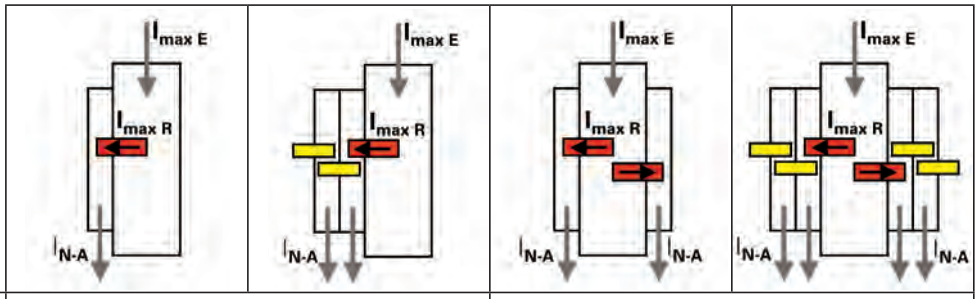
General data				
Width / length / height, incl. TS 7.5	16 mm / 100 mm / 59 mm			
Wire strip length	25 mm			
Approvals	ATEX			KEMA 03 ATEX 2057 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	2.5–35 mm²			2.5–35 mm²
Cross section solid/stranded	2.5–35 mm²			2.5–35 mm²
Cross section, AWG		12–2	12–2	
Rated current	125 A	115 A	115 A	92/108 A[1)]
Rated voltage	800 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note				[1)] with/without jumper

Accessories	Type	Part No.	Std. Pack
Cross connector, insulated 2 pole	IVB WKF 35-2	Z7.285.6227.0	10

More accessories page 124 ff.

Potential supply with feed-through blocks up to 35 mm²

$I_{max\ E}$: $I_{max.\ supply}$
$I_{max\ R}$: $I_{reducing\ cross\ connector}$
$I_{N\text{-}A}$: $I_{N\ output\ terminal\ blocks}$



Potential distribution	Distribution on one side		Distribution on both sides	
	2 poles	several poles	2 poles	several poles
35-R-10 $I_{max.\ supply}$	125 A	125 A	125 A	125 A
$I_{reducing\ cross\ connector}$	57 A	105 A	57 A	105 A
$I_{N\ output\ terminal\ blocks}$	57 A	57 A	57 A	57 A

Potential distribution 35 R 10

- Potential supply 35 mm²
- Reducing cross connector 35R10
- Potential output 10 mm²

Function	Type	Part No.	Std. Pack
Supply block, gray	WKF 35 /35	56.735.0053.0	10
Supply block, gray	WKF 35 /35 BLAU	56.735.0053.6	10
Reducing cross connector[2)]	IVB WKFN 35R10	Z7.285.6427.0	10
Output block, gray	WKFN 10 /35	56.710.0055.0	10
Output block, blue	WKFN 10 /35 BLAU	56.710.0055.6	10
Output block, gray	WKFN 10 D1/2/35	56.710.5055.0	10
Output block, blue	WKFN 10 D1/2/35 BLAU	56.710.5055.6	10

[2)] When cross connectors are used acc. to EN 60079-0 and EN 60079-7 the current must be reduced (values to be requested)

Accessories for *fasis* WKFN 16... and WKF 35

Accessories	Type	Part No.	Std. Pack
Test plug	ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated	DIN 5264 B 1x5,5	06.502.4200.0	5

** When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.

Technical information see *facts* & DATA page 146 ff.

Ground blocks with tension spring connection

WKF 1,5 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKF 1,5 SL/35	56.702.9053.0	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 49 mm / 37 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		24–14	24–14	
Rated current				
Rated voltage	500 V	300 V	300 V	440 V*
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APF 1,5	07.312.8153.0	10
Partition, gray	TWF 1,5	07.312.8253.0	10

WKF 1,5 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

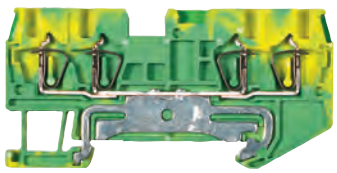
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKF 1,5 D1/2/SL/35	56.702.9353.0	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 60 mm / 37 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		24–14	24–14	
Rated current				
Rated voltage	500 V	300 V	300 V	440 V*
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APF 1,5 D1/2	07.312.8353.0	10
Segment end plate	SAPF 1,5	07.312.8953.0	10
Partition, gray	TWF 1,5 D1/2	07.312.8453.0	10

WKF 1,5 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

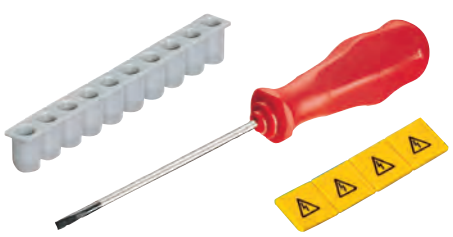


Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKF 1,5 D2/2/SL/35	56.702.9153.0	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 72 mm / 37 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		24–14	24–14	
Rated current				
Rated voltage	500 V	300 V	300 V	440 V*
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APF 1,5 D2/2	07.312.8553.0	10
Segment end plate	SAPF 1,5	07.312.8953.0	10
Partition, gray	TWF 1,5 D2/2	07.312.8653.0	10

Accessories for *fasis* WKF 1,5...



Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.564.4253.0	100
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.564.4353.0	100
Cover with warning symbol over 5 blocks	yellow	ADF 1,5/5 GELB	04.343.6953.8	10
Screwdriver, uninsulated		DIN 5264 B 0,4x2,5	06.502.4300.0	5

* In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.

More accessories page 124 ff.

WKFN 2,5 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 2,5 SL/35	56.703.9055.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 47 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR EAC SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5	07.312.6755.0	10

WKFN 2,5 D1/2/SL/35

- Duo-Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

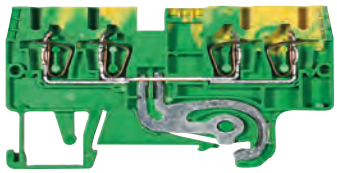
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 2,5 D1/2/SL/35	56.703.9355.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 60 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR EAC SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D1/2	07.312.6955.0	10

WKFN 2,5 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

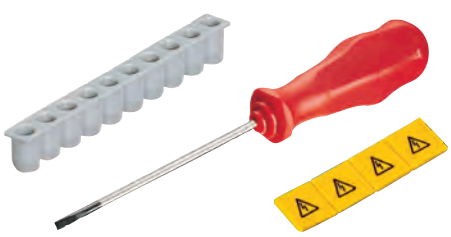


Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 2,5 D2/2/SL/35	56.703.9155.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 72 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB GL LR EAC SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D2/2	07.312.7155.0	10

Accessories for *fasis* WKFN 2,5...



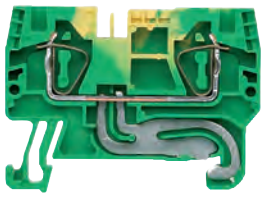
Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Technical information see *facts* & DATA page 146 ff.

Ground blocks with tension spring connection

WKFN 4 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 4 SL/35	56.704.9055.0	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 51 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB BL NV LR SP Ex			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	**Ⓔx**
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4	07.312.9255.0	10

WKFN 4 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

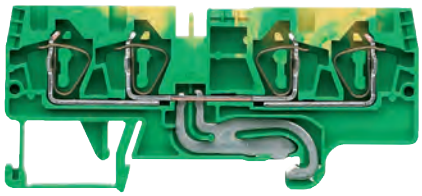
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 4 D1/2/SL/35	56.704.9355.0	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 67 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB BL NV LR SP Ex			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	**Ⓔx**
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D1/2	07.312.9455.0	10

WKFN 4 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

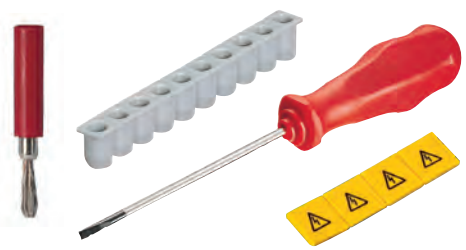


Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 4 D2/2/SL/35	56.704.9155.0	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB BL NV LR SP Ex			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	**Ⓔx**
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10

Accessories for *fasis* WKFN 4...



Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm²	LEL 4/3 SCHWARZ	05.561.8753.0	100
Cover with warning symbol over 4 blocks	yellow	ADF 4/4 GELB	04.343.6153.8	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

More accessories page 124 ff.

WKFN 6 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 6 SL/35	56.706.9055.0	100

General data				
Width / length / height, incl. TS 7.5	8 mm / 66 mm / 45 mm			
Wire strip length	12 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm²			0.2–6 mm²
Cross section solid/stranded	1.5–10 mm²			1.5–10 mm²
Cross section, AWG		24–8	24–8	
Rated current				
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 6	07.313.0455.0	10

WKFN 6 D1/2/SL/35

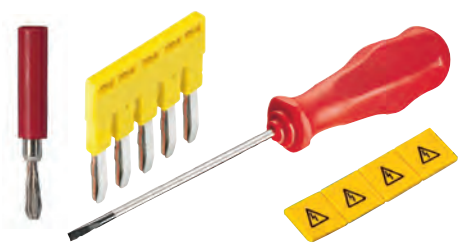
- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 6 D1/2/SL/35	56.706.9355.0	100

General data				
Width / length / height, incl. TS 7.5	8 mm / 90 mm / 45 mm			
Wire strip length	12 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm²			0.2–6 mm²
Cross section solid/stranded	1.5–10 mm²			1.5–10 mm²
Cross section, AWG		24–8	24–8	
Rated current		50 A		
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 6 D1/2	07.313.0655.0	10

Accessories for *fasis* WKFN 6...



Accessories		Type	Part No.	Std. Pack
Cross connector, insulated*	2 pole	IVB WKFN 6–2	Z7.282.5227.0	10
	3 pole	IVB WKFN 6–3	Z7.282.5327.0	10
	4 pole	IVB WKFN 6–4	Z7.282.5427.0	10
	5 pole	IVB WKFN 6–5	Z7.282.5527.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 6/4 GELB	04.343.6253.8	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,8x4	06.502.4100.0	5

* When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.

Ground blocks with tension spring connection

WKFN 10 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

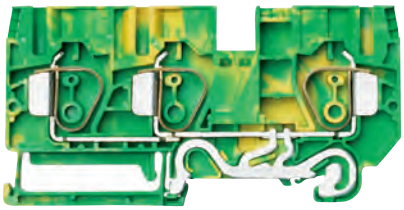
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 10 SL/35	56.710.9055.0	50

General data				
Width / length / height, incl. TS 7.5	10 mm / 72 mm / 50 mm			
Wire strip length	15 mm			
Approvals	PTB ...			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2–10 mm²			0.2–10 mm²
Cross section solid/stranded	1.5–16 mm²			1.5–16 mm²
Cross section, AWG		16–6	16–6	
Rated current				
Rated voltage	1000 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 10/35	07.313.0855.0	10

WKFN 10 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



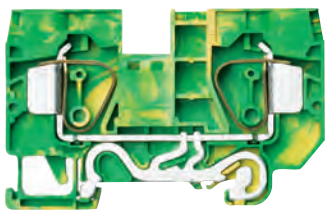
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 10 D1/2/SL/35	56.710.9355.0	50

General data				
Width / length / height, incl. TS 7.5	10 mm / 98 mm / 50 mm			
Wire strip length	15 mm			
Approvals	PTB ...			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2–10 mm²			0.2–10 mm²
Cross section solid/stranded	1.5–16 mm²			1.5–16 mm²
Cross section, AWG			16–6	
Rated current				
Rated voltage	1000 V		600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 10 D1/2	07.313.1055.0	10

WKFN 16 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 16 SL/35	56.716.9055.0	50

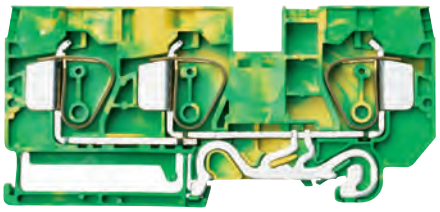
General data				
Width / length / height, incl. TS 7.5	12 mm / 79 mm / 50 mm			
Wire strip length	16 mm			
Approvals	PTB ...			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2–16 mm²			0.2–16 mm²
Cross section solid/stranded	1.5–25 mm²			1.5–25 mm²
Cross section, AWG		16–4	16–4	
Rated current				
Rated voltage	1000 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 16	07.313.1255.0	10

More accessories page 124 ff.

WKFN 16 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 16 D1/2/SL/35	56.716.9355.0	50

General data				
Width / length / height, incl. TS 7.5	12 mm / 107 mm / 50 mm			
Wire strip length	16 mm			
Approvals	PTB			PTB 06 ATEX 1075 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2–16 mm²			0.2–16 mm²
Cross section solid/stranded	1.5–25 mm²			1.5–25 mm²
Cross section, AWG			16–4	
Rated current				
Rated voltage	1000 V		600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 16 D1/2	07.313.1455.	10

WKF 35 SL/35

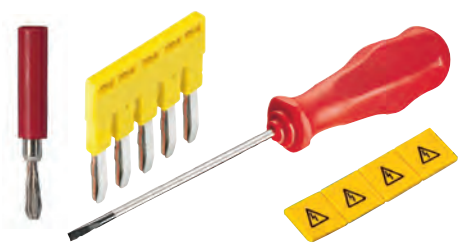
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 35 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKF 35 SL/35	56.735.9053.0	10

General data				
Width / length / height, incl. TS 7.5	16 mm / 100 mm / 59 mm			
Wire strip length	25 mm			
Approvals	ATEX			KEMA 03 ATEX 2057 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	2.5–35 mm²			2.5–35 mm²
Cross section solid/stranded	2.5–35 mm²			2.5–35 mm²
Cross section, AWG		12–2	12–2	
Rated current				
Rated voltage	800 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 35–2	Z7.285.6227.0	10
Cover with warning symbol over 4 blocks		ADF 35/5 GELB	04.343.9253.8	10
Test plug		ST 2/2,3	Z5.553.2921.0	10

Accessories for *fasis* WKFN 10 SL/... and WKFN 16 SL/...



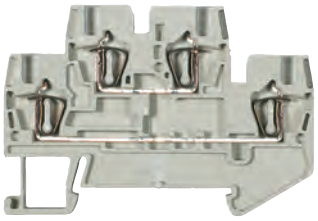
Accessories		Type	Part No.	Std. Pack
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 1x5,5	06.502.4200.0	5
for WKFN 10 ...				
Cross connector, insulated**	2 pole	IVB WKF 10–2	Z7.283.8227.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 10/4 GELB	04.343.6453.8	10
for WKFN 16 ...				
Cross connector, insulated*	2 pole	IVB WKF 16–2	Z7.284.4227.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 16/4 GELB	04.343.6653.8	10

** When cross connectors are used acc. to EN 60079-0 and EN 60079-7 the current must be reduced to 4 A/40 K or 5 A/45 K for type WKFN 10/35.

Multi-tier terminal blocks with tension spring connection

WKF 1,5 E2/35

- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKF 1,5 E2/35	56.702.7653.0	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 68 mm / 47 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		26–14	26–14	
Rated current	17,5 A	15 A	15 A	15/13,5 A[1)]
Rated voltage	500 V	300 V	300 V	440 V[2)]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] Rated current when using cross connectors [2)] For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.			

WKF 1,5 E2/VB/35

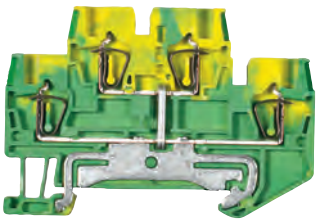
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Multi-tier block, black	WKF 1,5 E2/VB/35	56.702.6953.1	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 68 mm / 47 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		26–14	26–14	
Rated current	17,5 A	15 A	15 A	15/13,5 A[1)]
Rated voltage	500 V	300 V	300 V	440 V[2)]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] Rated current when using cross connectors [2)] For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.			

WKF 1,5 E2/SL/35

- Multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149

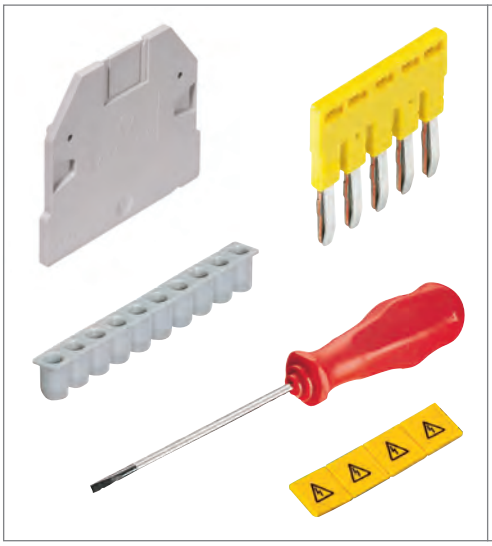


Description	Type	Part No.	Std. Pack
Multi-tier ground block, green/yellow	WKF 1,5 E2/SL/35	56.702.9253.0	50

General data				
Width / length / height, incl. TS 7.5	4 mm / 68 mm / 47 mm			
Wire strip length	10 mm			
Approvals	ATEX cULus SP			KEMA 03 ATEX 2056 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section solid/stranded	0.08–1.5 mm²			0.14–1.5 mm²
Cross section, AWG		26–14	26–14	
Rated current				
Rated voltage	500 V	300 V	300 V	[1)]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.			

More accessories page 124 ff.

Accessories for *fasis* WKF 1,5...



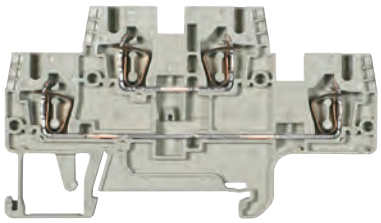
Accessories		Type	Part No.	Std. Pack
End plate	gray	APF 1,5 E2	07.312.8753.0	10
Partition	gray	TWF 1,5 E2	07.312.8853.0	10
Cross connector, insulated	2 pole	IVB WKF 1,5–2	Z7.268.0227.0	10
	3 pole	IVB WKF 1,5–3	Z7.268.0327.0	10
	4 pole	IVB WKF 1,5–4	Z7.268.0427.0	10
	5 pole	IVB WKF 1,5–5	Z7.268.0527.0	10
	10 pole	IVB WKF 1,5–10	Z7.268.1027.0	10
	20 pole	IVB WKF 1,5–20	Z7.268.2027.0	10
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.564.4253.0	10
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.564.4353.0	10
Cover with warning symbol over 5 blocks	yellow	ADF 1,5/5 GELB	04.343.6953.8	10
Marking tag carrier, 2-fold		BT 4/2	04.243.0953.0	100
Screwdriver, uninsulated		DIN 5264 B 0,4x2,5	06.502.4300.0	5

Technical information see ***facts*** & DATA page 146 ff.

Multi-tier blocks with tension spring connection

WKFN 2,5 E/35
WKFN 2,5 E/N/D/35

- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKFN 2,5 E/35	56.703.7055.0	100
Multi-tier block, combined, gray	WKFN 2,5 E/N/D/35	56.703.7655.0	100

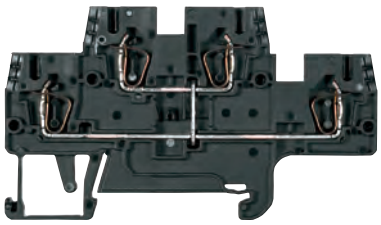
General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB BL EAC NV LR UL UL$_{AEx}$ SP SP$_{Ex}$			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current	24 A	20 A	24 A	20/21,5 A[1)]
Rated voltage	500 V	300 V	300 V	440/275 V[2)]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] 1. value at 40 K / 2. value at 45 K [2)] When using cross connectors on the upper tier			

WKFN 2,5 E/N/D/35

	Function	Color ID
Upper tier	Feed-through	blue
Lower tier	Feed-through	gray

WKFN 2,5 E/VB/35

- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

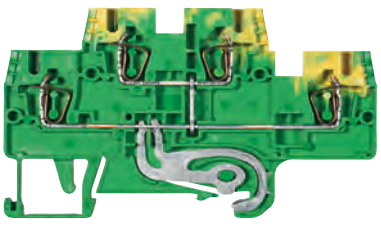


Description	Type	Part No.	Std. Pack
Multi-tier block, black	WKFN 2,5 E/VB/35	56.703.6955.1	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB BL EAC NV LR UL UL$_{AEx}$ SP SP$_{Ex}$			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current	24 A	20 A	24 A	20/21,5 A[1)]
Rated voltage	500 V	600 V	600 V	440 V
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] 1. value at 40 K / 2. value at 45 K			

WKFN 2,5 E/SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



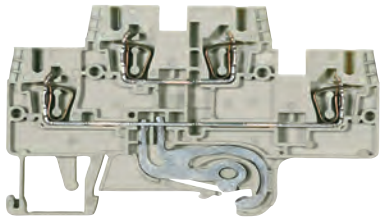
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 2,5 E/SL/35	56.703.8955.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB BL EAC NV LR UL UL$_{AEx}$ SP SP$_{Ex}$			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current				
Rated voltage	500 V	600 V	600 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

More accessories page 124 ff.

WKFN 2,5 E/D/SL/35
WKFN 2,5 E/N/SL/35

- Multi-tier block, combined, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Multi-tier block, combined, gray	WKFN 2,5 E/D/SL/35	56.703.7855.0	100
Multi-tier block, combined, gray	WKFN 2,5 E/N/SL/35	56.703.7755.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.13–2.5 mm²		
Cross section solid/stranded	0.13–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	24 A	20 A	24 A
Rated voltage	500 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WKFN 2,5 E/D/SL/35

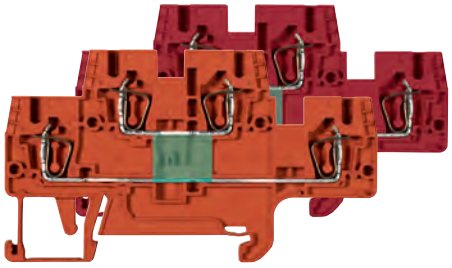
	Function	Color ID
Upper tier	Feed-through	gray
Lower tier	Ground conductor	green/yellow

WKFN 2,5 E/N/SL/35

	Function	Color ID
Upper tier	Feed-through	blue
Lower tier	Ground conductor	green/yellow

WKFN 2,5 E...G

- Multi-tier function block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



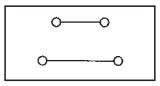
Description	Type	Part No.	Std. Pack
Multi-tier function block, red	WKFN 2,5 E.../35	56.703.XX55.5	100
Multi-tier function block, orange	WKFN 2,5 E.../35	56.703.XX55.9	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22–12	24–12

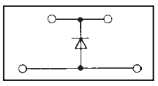
Function diagram for *fasis* WKFN 2,5 E...

The multi-tier block is available on request as a function block for a wide variety of switching tasks.

56.703.7555.9
56.703.7555.5

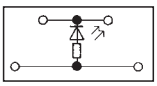


56.703.8255.5



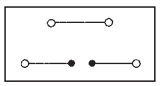
I = 1 A
U = 1000 V

56.703.7455.9
LED red

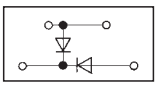


R = 4.7 kΩ
P = 0.5 W
U = 24 V DC

56.703.7155.5
56.703.7155.9

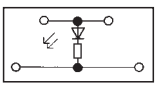


56.703.7955.5



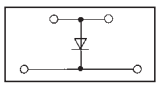
I = 1 A
U = 1000 V

56.703.7255.5
LED red



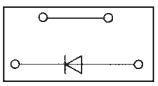
R = 4.7 kΩ
P = 0.5 W
U = 24 V DC

56.703.8055.9



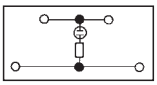
I = 1 A
U = 1000 V

56.703.8355.5



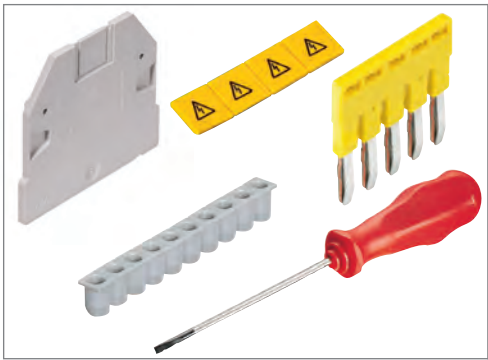
I = 1 A
U = 1000 V

56.703.7355.5



R = 680 kΩ
P = 0.25 W
U = 100-500 V

Accessories for *fasis* WKFN 2,5 E/...

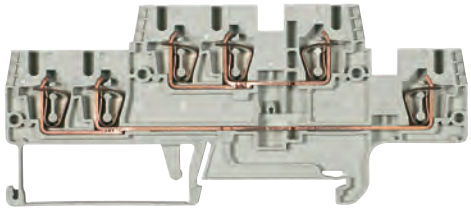


Accessories		Type	Part No.	Std. Pack
End plate	gray	APFN 2,5 E	07.312.7355.0	10
Partition	gray	WFN 2,5 E	07.312.7455.0	10
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Vertical cross connector	1 pole	IVB WKF–V	Z7.261.1127.0	10
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Marking tag carrier, 3-fold		BT 5/3	04.243.0755.0	100

Duo multi-tier terminal blocks with tension spring connection

WKFN 2,5 E1/2/35
WKFN 2,5 E1/2/N/D/35

- Duo multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

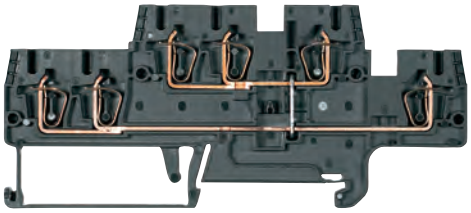


Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKFN 2,5 E1/2/35	56.703.6055.0	50
Multi-tier block, combined, gray	WKFN 2,5 E1/2/N/D/35	56.703.6355.0	50

General data				
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB BL VDE NV LR UL cULus SP SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current	22 A	20 A	24 A	20/21 A[1]
Rated voltage	500 V	300 V	300 V	440/275 V[2]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1] 1. value at 40 K / 2. value at 45 K [2] When using cross connectors on the upper tier			

WKFN 2,5 E1/2/VB/35

- Duo multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



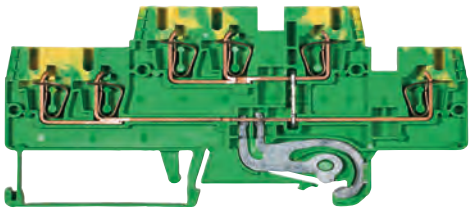
Description	Type	Part No.	Std. Pack
Multi-tier block, black	WKFN 2,5 E1/2/VB/35	56.703.5955.1	50

General data				
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB BL VDE NV LR UL cULus SP SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current	22 A	20 A	24 A	20/21 A[1]
Rated voltage	500 V	300 V	300 V	440 V
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1] 1. value at 40 K / 2. value at 45 K			

Accessories	Type	Part No.	Std. Pack
Partition, gray	TWFN 2,5 E1/2	07.312.7855.0	10

WKFN 2,5 E1/2/SL/35

- Duo multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



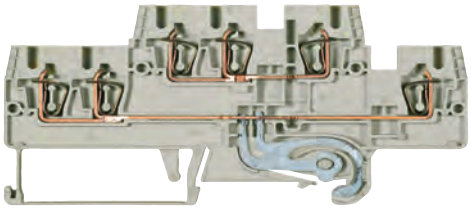
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKFN 2,5 E1/2/SL/35	56.703.6255.0	50

General data				
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB BL VDE NV LR UL cULus SP SP Ex			PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.2–2.5 mm²
Cross section solid/stranded	0.13–4 mm²			0.13–4 mm²
Cross section, AWG		22–12	24–12	
Rated current				
Rated voltage	500 V	600 V	600 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

More accessories page 124 ff.

WKFN 2,5 E1/2/D/SL/35
WKFN 2,5 E1/2/N/SL/35

- Duo multi-tier block, combined, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Multi-tier block,combined, gray	WKFN 2,5 E1/2/D/SL/35	56.703.6155.0	50
Multi-tier block, combined, gray	WKFN 2,5 E1/2/N/SL/35	56.703.6455.0	50

General data			
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.13–2.5 mm²		
Cross section solid/stranded	0.13–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	22 A	20 A	24 A
Rated voltage	500 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WKFN 2,5 E1/2/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	gray
Lower tier	Feed-through	gray

WKFN 2,5 E1/2/D/SL/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	gray
Lower tier	Ground conductor	green/yellow

WKFN 2,5 E1/2/N/D/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	blue
Lower tier	Feed-through	gray

WKFN 2,5 E1/2/N/SL/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	blue
Lower tier	Ground conductor	green/yellow

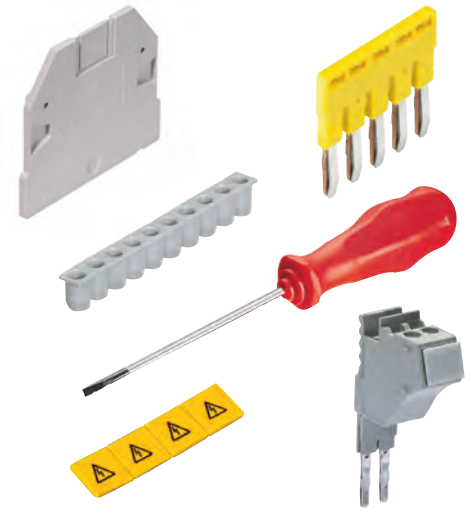
WKFN 2,5 E1/2/VB/35 Block color: black

	Function	Color ID
Upper tier	Feed-through	black
Lower tier	vert. jumpered	black

WKFN 2,5 E1/2/SL/35 Block color: green/yellow

	Function	Color ID
Upper tier	Ground conductor	green/yellow
Lower tier	vert. jumpered	green/yellow

Accessories for *fasis* WKFN 2,5 E1/2/...



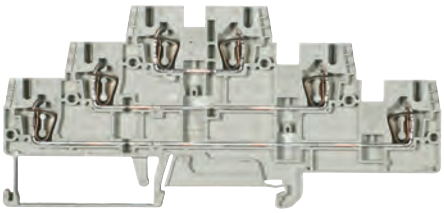
Accessories		Type	Part No.	Std. Pack
End plate	gray	APFN 2,5 E1/2	07.312.7755.0	10
Partition	gray	TWFN 2,5 E1/2	07.312.7855.0	10
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Vertical cross connector	1 pole	IVB WKF–V	Z7.261.1127.0	10
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Marking tag carrier, 2-fold		BT 5/2	04.243.0855.0	100
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Technical information see *facts* & DATA page 146 ff.

Multi-tier terminal blocks with tension spring connection

WKFN 2,5 E3/35

- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm^2
- Ex e I/II Ex II 2GD IM2
  Follow the EX installation instructions on page 149

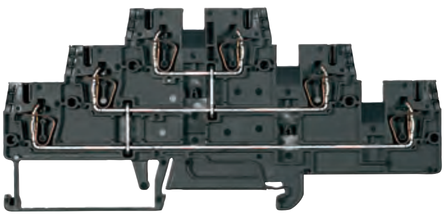


Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKFN 2,5 E3/35	56.703.3055.0	50

General data				
Width / length / height, incl. TS 7.5	5 mm / 123 mm / 59 mm			
Wire strip length	11 mm			
Approvals				PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm^2			0.2–2.5 mm^2
Cross section solid/stranded	0.13–4 mm^2			0.13–4 mm^2
Cross section, AWG		22–12	24–12	
Rated current	20 A	20 A	24 A	19/20 A[1)]
Rated voltage	500 V	300 V	300 V	440/275 V[2)]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] 1. value at 40 K / 2. value at 45 K [2)] When using cross connectors on the upper tier			

WKFN 2,5 E3/VB/35

- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm^2
- Ex e I/II Ex II 2GD IM2
  Follow the EX installation instructions on page 149

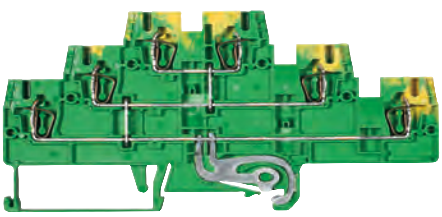


Description	Type	Part No.	Std. Pack
Multi-tier block, black	WKFN 2,5 E3/VB/35	56.703.2955.1	50

General data				
Width / length / height, incl. TS 7.5	5 mm / 123 mm / 59 mm			
Wire strip length	11 mm			
Approvals				PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm^2			0.2–2.5 mm^2
Cross section solid/stranded	0.13–4 mm^2			0.13–4 mm^2
Cross section, AWG		22–12	24–12	
Rated current	20 A	20 A	24 A	20/21 A[1)]
Rated voltage	500 V	600 V	600 V	440 V
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] 1. value at 40 K / 2. value at 45 K			

WKFN 2,5 E3/SL/35

- Multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2,5 mm^2
- Ex e I/II Ex II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Multi-tier ground block, green/yellow	WKFN 2,5 E/SL/35	56.703.8855.0	50

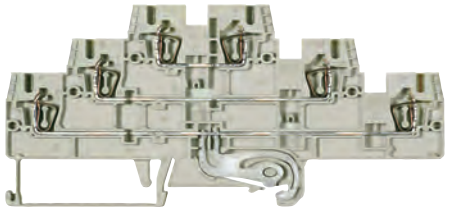
General data				
Width / length / height, incl. TS 7.5	5 mm / 123 mm / 59 mm			
Wire strip length	11 mm			
Approvals				PTB 04 ATEX 1051 U
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm^2			0.2–2.5 mm^2
Cross section solid/stranded	0.13–4 mm^2			0.13–4 mm^2
Cross section, AWG		22–12	24–12	
Rated current				
Rated voltage	500 V	600 V	600 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

More accessories page 124 ff.

Multi-tier/Motor connection block with tension spring connection

WKFN 2,5 E3/D/D/SL/35
WKFN 2,5 E3/N/D/SL/35

- Multi-tier block, combined, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKFN 2,5 E3/D/D/SL/35	56.703.3355.0	50
Multi-tier block, gray	WKFN 2,5 E3/N/D/SL/35	56.703.3255.0	50

General data			
Width / length / height, incl. TS 7.5	5 mm / 123 mm / 59 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.13–2.5 mm²		
Cross section solid/stranded	0.13–4 mm²		
Cross section, AWG		22–12	24–12
Rated current	20 A	20 A	24 A
Rated voltage	500 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WKFN 2,5 E3/N/D/SL/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	blue
Center tier	Feed-through	gray
Lower tier	Ground conductor	green/yellow

WKFN 2,5 E3/D/D/SL/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	gray
Center tier	Feed-through	gray
Lower tier	Ground conductor	green/yellow

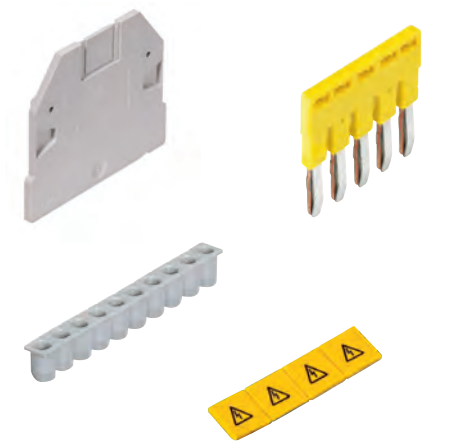
WKF 4 3D/SL

- Motor connection block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²

Description	Type	Part No.	Std. Pack
Motor connection block, gray	WKF 4 3D/SL	56.704.8453.0	50

General data			
Width / length / height, incl. TS 7.5	6 mm / 100 mm / 84 mm		
Wire strip length	10 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1/DIN VDE 0611 T1		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		28–10	28–10
Rated current	28 A	30 A	30 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories for *fasis* WKFN 2,5 E3/...



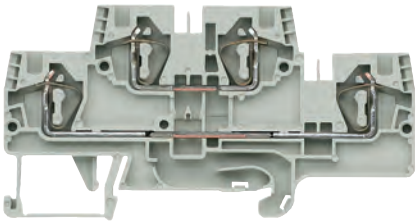
Accessories		Type	Part No.	Std. Pack
End plate	gray	APFN 2,5 E3	07.312.7555.0	10
Partition	gray	TWFN 2,5 E3	07.312.7655.0	10
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Vertical cross connector	1 pole	IVB WKF–V	Z7.261.1127.0	10
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Marking tag carrier, 2-fold		BT 5/2	04.243.0855.0	100

Technical information see *facts* & DATA page 146 ff.

Multi-tier terminal blocks with tension spring connection

WKFN 4 E/35
WKFN 4 E/N/D/35

- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKFN 4 E/35	56.704.7055.0	100
Multi-tier block, combined, gray	WKFN 4 E/N/D/35	56.704.7655.0	100

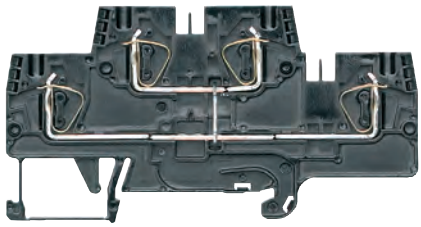
General data				
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB UL GL LR RS CSA Ex			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current	32 A	30 A	32 A	27/29 A[1)2)]
Rated voltage	500 V	300 V	300 V	440/352 V[3)]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] 1. value at 40 K / 2. value at 45 K [2)] When cross connectors are used acc. to EN 60079-0 and EN60079-7 the current must be reduced to 2 A at 45 K.. [3)] When using cross connectors on the upper tier			

WKFN 4 E/N/D/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	blue
Lower tier	Feed-through	gray

WKFN 4 E/VB/35

- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149

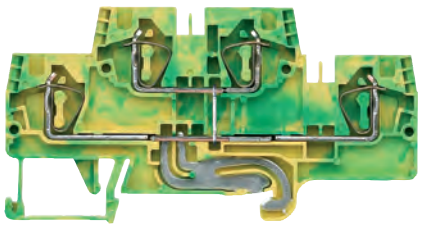


Description	Type	Part No.	Std. Pack
Multi-tier block, black	WKFN 4 E/VB/35	56.704.6955.1	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB UL GL LR RS CSA Ex			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current	32 A	30 A	32 A	30/31 A[1)]
Rated voltage	500 V	600 V	300 V	440 V
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1)] 1. value at 40 K / 2. value at 45 K			

WKFN 4 E/SL/35

- Multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Multi-tier ground block, green/yellow	WKFN 4 E SL/35	56.704.9255.0	100

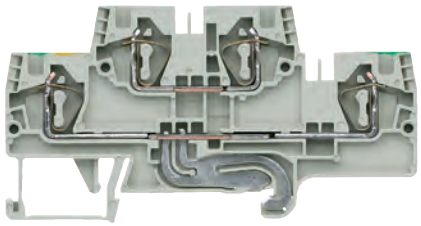
General data				
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB UL GL LR RS CSA Ex			PTB 05 ATEX 1104 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm²			0.13–4 mm²
Cross section solid/stranded	0.13–6 mm²			0.2–6 mm²
Cross section, AWG		24–10	24–10	
Rated current				
Rated voltage	500 V	600 V	600 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

More accessories page 124 ff.

Multi-tier terminal blocks with tension spring connection

WKFN 4 E/D/SL/35
WKFN 4 E/N/SL/35

- Multi-tier block, combined, with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Multi-tier block, combined, gray	WKFN 4 E/D/SL/35	56.704.7855.0	100
Multi-tier block, combined, gray	WKFN 4 E/N/SL/35	56.704.7755.0	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-1		
Cross section fine-stranded	0.13–4 mm²		
Cross section solid/stranded	0.13–6 mm²		
Cross section, AWG		24–10	24–10
Rated current	32 A	30 A	32 A
Rated voltage	500 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

WKFN 4 E/D/SL/35 Block color: gray

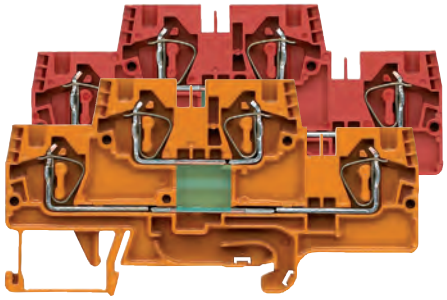
	Function	Color ID
Upper tier	Feed-through	gray
Lower tier	Ground conductor	green/yellow

WKFN 4 E/N/SL/35 Block color: gray

	Function	Color ID
Upper tier	Feed-through	blue
Lower tier	Ground conductor	green/yellow

WKFN 4 E /35...

- Multi-tier function block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



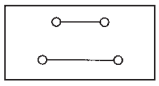
Description	Type	Part No.	Std. Pack
Multi-tier function block, red	WKFN 4 E /35...	56.704.XX55.5	100
Multi-tier function block, orange	WKFN 4 E /35...	56.704.XX55.9	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 6 mm²		
Cross section, AWG		24–10	24–10

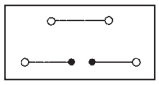
Function diagram for *fasis* WKFN 4 E/...

The multi-tier block is available on request as a function block for a wide variety of switching tasks.

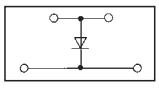
56.704.7555.9
56.704.7555.5



56.704.7155.5
56.704.7155.9

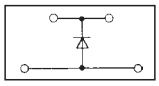


56.704.8055.9



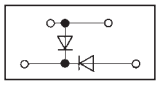
I = 1 A
U = 1000 V

56.704.8255.5



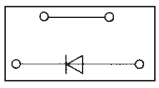
I = 1 A
U = 1000 V

56.704.7955.5



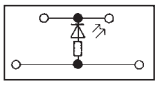
I = 1 A
U = 1000 V

56.704.8355.5



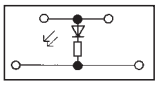
I = 1 A
U = 1000 V

56.704.7455.9
LED red



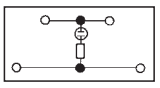
R = 4.7 kΩ
P = 0.5 W
U = 24 V DC

56.704.7255.5
LED red



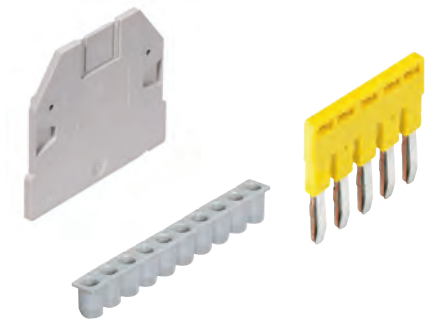
R = 4.7 kΩ
P = 0.5 W
U = 24 V DC

56.704.7355.5



R = 680 kΩ
P = 0.25 W
U = 100-500 V

Accessories for *fasis* WKFN 4 E/...



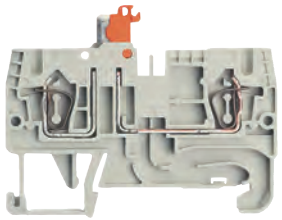
Accessories		Type	Part No.	Std. Pack
End plate	gray	APFN 4 E...	07.312.9655.0	10
Partition	gray	TWFN 4 E...	07.312.9755.0	10
Cross connector, insulated	2 pole	IVB WKF 4–2	Z7.261.1227.0	10
	3 pole	IVB WKF 4–3	Z7.261.1327.0	10
	4 pole	IVB WKF 4–4	Z7.261.1427.0	10
	5 pole	IVB WKF 4–5	Z7.261.1527.0	10
	6 pole	IVB WKF 4–6	Z7.261.1627.0	10
	7 pole	IVB WKF 4–7	Z7.261.1727.0	20
	8 pole	IVB WKF 4–8	Z7.261.1827.0	20
	9 pole	IVB WKF 4–9	Z7.261.1927.0	20
	10 pole	IVB WKF 4–10	Z7.261.2027.0	20
Vertical cross connector, insulated	1 pole	IVB WKF-V	Z7.261.1127.0	10
Wire entry guide	0.13–0.2 mm²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm²	LEL 4/3 SCHWARZ	05.561.8753.0	100

Technical information see *facts* & DATA page 146 ff.

Disconnect terminal blocks with tension spring connection

WKFN 2,5 TKM/35

- Disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



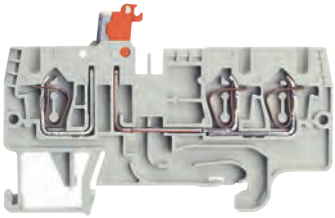
Description	Type	Part No.	Std. Pack
Disconnect terminal block, gray	WKFN 2,5 TKM/35	56.703.5355.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 60 mm / 38 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.14 – 2.5 mm²		
Cross section solid/stranded	0.2 – 4 mm²		
Cross section, AWG		24–12	24–12
Rated current	20 A	19 A	20 A
Rated voltage	630 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D1/2	07.312.6955.0	10
Partition, gray	TWFN 2,5 D1/2	07.312.7055.0	10

WKFN 2,5 TKM 1/2/35

- Duo disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



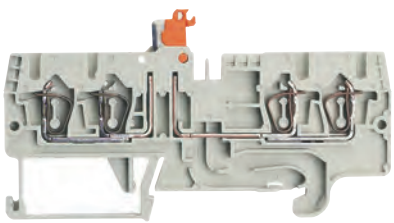
Description	Type	Part No.	Std. Pack
Disconnect terminal block, gray	WKFN 2,5 TKM 1/2/35	56.703.5455.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 72 mm / 38 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.14 – 2.5 mm²		
Cross section solid/stranded	0.2 – 4 mm²		
Cross section, AWG		24–12	24–12
Rated current	20 A	19 A	20 A
Rated voltage	630 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D2/2	07.312.7155.0	10
Partition, gray	TWFN 2,5 D2/2	07.312.7255.0	10

WKFN 2,5 TKM 2/2/35

- Duo disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Disconnect terminal block, gray	WKFN 2,5 TKM 2/2/35	56.703.5555.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 85 mm / 38 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.14 – 2.5 mm²		
Cross section solid/stranded	0.2 – 4 mm²		
Cross section, AWG		24–12	24–12
Rated current	20 A	19 A	20 A
Rated voltage	630 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

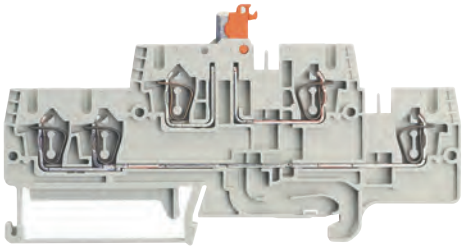
Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 TKM D2/2	07.313.0055.0	10
Partition, gray	TWFN 2,5 TKM D2/2	07.313.0155.0	10

More accessories page 124 ff.

Multi-tier disconnect terminal blocks with tension spring connection

WKFN 2,5 TKM E1/35

- Multi-tier disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



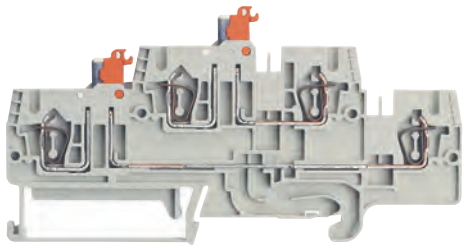
Description	Type	Part No.	Std. Pack
Disconnect terminal block, gray	WKFN 2,5 TKM E1/35	56.703.6555.0	50

General data			
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.14 – 2.5 mm²		
Cross section solid/stranded	0.2 – 4 mm²		
Cross section, AWG		24–12	24–12
Rated current	20 A	19 A	20 A
Rated voltage	500 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 E1/2	07.312.7755.0	10
Partition, gray	TWFN 2,5 E1/2	07.312.7855.0	10

WKFN 2,5 TKM E2/35

- Multi-tier disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Disconnect terminal block, gray	WKFN 2,5 TKM E2/35	56.703.6655.0	50

General data			
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.14 – 2.5 mm²		
Cross section solid/stranded	0.2 – 4 mm²		
Cross section, AWG		24–12	24–12
Rated current	19 A	19 A	19 A
Rated voltage	500 V	300 V	300 V
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 E1/2	07.312.7755.0	10
Partition, gray	TWFN 2,5 E1/2	07.312.7855.0	10

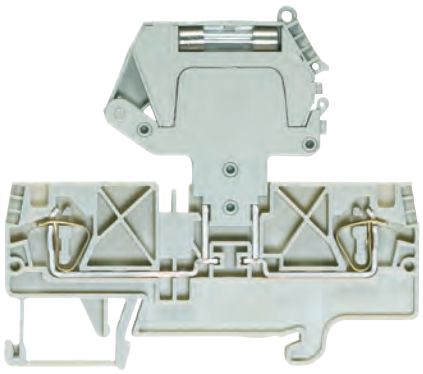
Accessories for *fasis* WKFN 2,5 TKM...

Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Fuse blocks with tension spring connection

WKFN 4 TKG with THSi 5 x 20

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



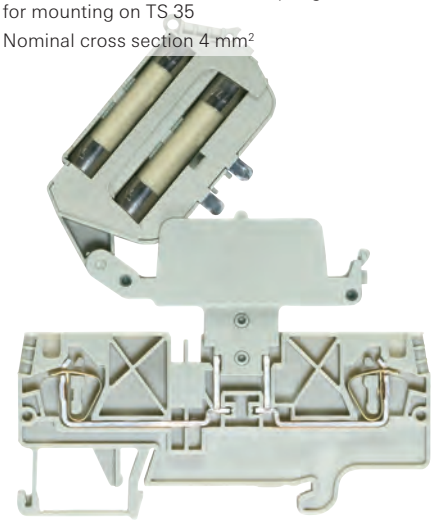
Description	Type	Part No.	Std. Pack
Disconnect block, gray	WKFN 4 TKG/35	56.704.4055.0	100
Fuse disconnect lever	THSI 5x20	Z1.298.1053.0	10
Fuse disconnect lever with LED 12–24 V[2)]	THSI 5x20 LED24	Z1.298.1153.0	10
Fuse disconnect lever with LED 24–60 V[2)]	THSI 5x20 LED60	Z1.298.1253.0	10
Fuse disconnect lever with GL 110–250 V[2)]	THSI 5x20 GL250	Z1.298.1353.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 38 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-3		
Cross section fine-stranded	0.13–4 mm²		
Cross section solid/stranded	0.13–6 mm²		
Cross section, AWG		24–10	22–10
Rated current	[1)]	[1)]	10 A[1)]
Rated voltage	500 V[2)]	600 V[2)]	300 V[2)]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10
Partition, gray	TWFN 4 D2/2	07.312.9155.0	10

WKFN 4 TKG with THSi 6,3 x 32

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Disconnect block, gray	WKFN 4 TKG/35	56.704.4055.0	100
Fuse disconnect lever	THSI 6,3x32	Z1.298.1653.0	10
Fuse disconnect lever with LED 12–24 V[2)]	THSI 6,3x32 LED24	Z1.298.1753.0	10
Fuse disconnect lever with LED 24–60 V[2)]	THSI 6,3x32 LED60	Z1.298.1853.0	10
Fuse disconnect lever with GL 110–250 V[2)]	THSI 6,3x32 GL250	Z1.298.1953.0	10
Fuse disconnect lever with GL 500 V[2)]	THSI 6,3x32 GL500	Z1.298.2053.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 38 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-3		
Cross section fine-stranded	0.13–4 mm²		
Cross section solid/stranded	0.13–6 mm²		
Cross section, AWG		24–10	22–10
Rated current	[1)]	[1)]	10 A[1)]
Rated voltage	500 V[2)]	600 V[2)]	300 V[2)]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10
Intermediate plate, 4 mm, gray	ZP/WKFN 4 TKG	07.313.1655.0	10
Partition, gray	TWFN 4 D2/2	07.312.9155.0	10

Info and accessories for *fasis* WKFN 4 TKG with THSi...

[1)] The current is determined by the inserted fuse.

[2)] The voltage range is determined by the built-in LED display.

Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders.

Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

Indicator (24 V): LED, red
current consumption: 10.3 mA

Indicator (220 V): LED, red
current consumption: 0.3 mA

When selecting G fuse inserts, make sure that the specified maximum power is not exceeded.
Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
THSI 5x20	250 V	1.6 W	1.6 W	4.0 W	2.5 W
THSI 6,3x32	500 V	2.5 W	1.6 W	4.0 W	2.5 W

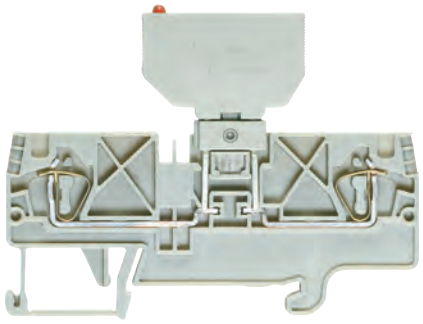
Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
for WKFN 4 TKG with THSi 5x20	3 pole	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20
Wire entry guide	0.13–0.2 mm²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm²	LEL 4/3 SCHWARZ	05.561.8753.0	100
Cover with warning symbol over 4 blocks	yellow	ADF 4/4 GELB	04.343.6153.8	10
Test adapter, modular		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

For WKFN 4 TKG with THSi 6.3x32 and intermediate plate cross connector IVB WKF 2,5-x must be used.

More accessories page 124 ff.

WKFN 4 TKG with SiST

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



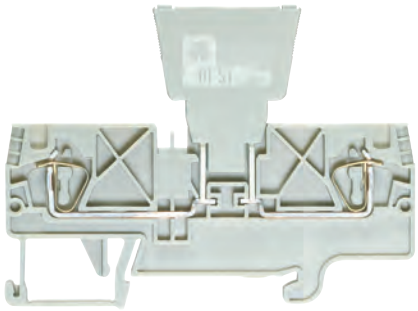
Description	Type	Part No.	Std. Pack
Disconnect block, gray	WKFN 4 TKG/35	56.704.4055.0	100
Fuse holder for fuse 5 x 20	Si ST	Z1.299.4055.0	10
Fuse holder with indicator (24 V)[2]	Si ST LED	Z1.299.4155.0	10
Fuse holder with indicator (220 V)[2]	Si ST GL	Z1.299.4255.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 38 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-3		
Cross section fine-stranded	0.13–4 mm²		
Cross section solid/stranded	0.13–6 mm²		
Cross section, AWG		24–10	22–10
Rated current	[1]	[1]	10 A[1]
Rated voltage	500 V[2]	600 V[2]	300 V[2]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10
Partition, gray	TWFN 4 D2/2	07.312.9155.0	10

WKFN 4 TKG with DiST

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



Description		Type	Part No.	Std. Pack
Disconnect block, gray		WKFN 4 TKG/35	56.704.4055.0	100
Diode plug–empty	J_{max} = 10 A[1]	DIST ...	Z1.299.3055.0	10
Diode plug–diode	J_{max} = 1 A[1]	DIST-1 N 4007-1[3]	Z1.299.3155.0	10
Diode plug–diode	J_{max} = 1 A[1]	DIST-1 N 4007-2[4]	Z1.299.3355.0	10
Diode plug with jumper	J_{max} = 10 A[1]	DIST-D	Z1.299.3255.0	10

General data			
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 38 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60 947-7-3		
Cross section fine-stranded	0.13–4 mm²		
Cross section solid/stranded	0.13–6 mm²		
Cross section, AWG		24–10	22–10
Rated current	[1]	[1]	10 A[1]
Rated voltage	500 V[2]	600 V[2]	300 V[2]
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10
Partition, gray	TWFN 4 D2/2	07.312.9155.0	10

Info and Accessories for *fasis* WKFN 4 TKG with SiST and DiST

[1] The current is determined by the inserted fuse.

[2] The voltage range is determined by the built-in LED display.

Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders.

Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

Indicator (24 V): LED, red
current consumption: 10.3 mA

Indicator (220 V): LED, red
current consumption: 0.3 mA

[3] / [4] Periodic peak voltage 1000 V

Direction of the diode:	Anode Cathode	Cathode[3] Anode[4]

Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
SIST	250 V	1.6 W	1.6 W	2.5 W	1.6 W

Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 4-2	Z7.261.1227.0	10
	3 pole	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20
Wire entry guide	0.13–0.2 mm²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm²	LEL 4/3 SCHWARZ	05.561.8753.0	100
Cover with warning symbol over 4 blocks	yellow	ADF 4/4 GELB	04.343.6153.8	10
Test adapter, modular		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

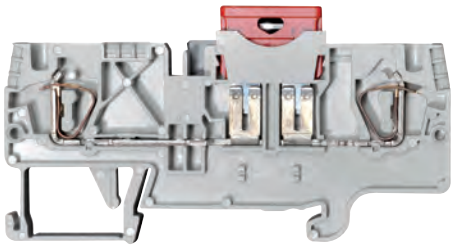
When selecting G fuse inserts, make sure that the specified maximum power is not exceeded.
Maximum power loss at 23° C ambient temperature (according to DIN EN 60947-7-3)

Technical information see *facts* & DATA page 146 ff.

Fuse blocks with tension spring connection

WKFN 4 FSI

- Fuse block for automoblie fuses for mounting on TS 35
- Nominal cross section 4 mm²



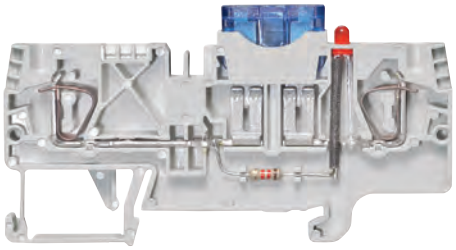
Description	Type	Part No.	Std. Pack
Fuse block, gray	WKFN 4 FSI	56.704.4155.0	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 39 mm		
Wire strip length	12 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-3		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 6 mm²		
Cross section, AWG			
Rated current	*		
Rated voltage	800 V		
Rated impulse voltage	8 kV		
Pollution degree	3		
Note	* Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10
Partition, 4 mm for TCP, gray	ZP/WKFN 4 TKG	07.313.1655.0	10
Partition, gray	TWFN 4 D2/2	07.312.9155.0	10

WKFN 4 FSI

- Fuse block with indicator for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Fuse block, gray	WKFN 4 FSI LED12	56.704.4255.0	100
Fuse block, gray	WKFN 4 FSI LED24	56.704.5355.0	100

General data			
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 39 mm		
Wire strip length	12 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-3		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 6 mm²		
Cross section, AWG			
Rated current	*		
Rated voltage	800 V		
Rated impulse voltage	8 kV		
Pollution degree	3		
Note	* Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 4 D2/2	07.312.9055.0	10
Partition, 4 mm for TCP, gray	ZP/WKFN 4 TKG	07.313.1655.0	10
Partition, gray	TWFN 4 D2/2	07.312.9155.0	10

Automotive fuses

The WKFN 4 FSI .. type fuse blocks take blade-type fuses according to ISO 8820 (DIN 72581-3).

Automotive fuses are not offered for sale by Wieland Electric!

We recommend the following:

Description		Color	
Blade-type automobile fuse, DC 32 V		black	1 A
Electrotechnical specialized trade		gray	2 A
Motor vehicle accessory market		violet	3 A
		pink	4 A
		beige	5 A
		brown	7.5 A
		red	10 A
		blue	15 A
		yellow	20 A
Thermal circuit breaker, DC 32 V			5 A
ETA*, type 1610-21 or			6 A
ETA*, type 1610-H2 with manual release			10 A
			15 A
			20 A
Thermal circuit breaker, AC 250 V; DC 65 V			0.1 A
ETA*, type 1180 ..			0.2 A
			0.5 A
			1 A
			2 A
			3 A
			4 A
			6 A
			8 A
			10 A

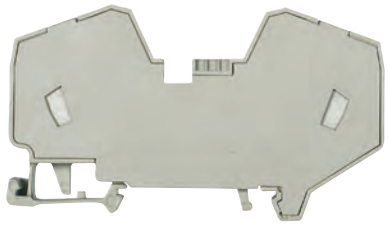
* E-T-A Elektrotechnische Apparate GmbH, www.e-t-a.de

More accessories page 124 ff.

Supply terminal

WKF 16/35 PV/WKFN

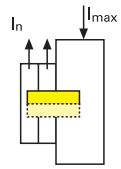
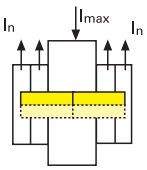
- Supply terminal for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II Ⓔx II 2GD IM2
  Follow the EX installation instructions on page 149



Description	Type	Part No.	Std. Pack
Supply terminal, gray	WKF 16/35 PV/WKFN	56.716.0353.0	20

General data				
Width / length / height, incl. TS 7.5	12 mm / 82 mm / 48 mm			
Wire strip length	15 mm			
Approvals	ATEX			KEMA 01 ATEX 2087 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-3			EN 60 079-0/-7
Cross section fine-stranded	4–16 mm²			4–16 mm²
Cross section solid/stranded	4–16 mm²			4–16 mm²
Cross section, AWG		24–4	12–4	
Rated current	76 A	75 A	78 A	64 A[1)]
Rated voltage	800 V	600 V	600 V	690 V
Rated impulse voltage	8 kV			
Pollution degree	3			
Note	[1)] Derating curves available on request			

Accessories	Type	Part No.	Std. Pack
Cover with warning symbol over 4 blocks	ADF 16/4 GELB	04.343.6653.8	10
Screwdriver, uninsulated	DIN 5264 B 1,0x5,5	06.502.4200.0	5

Potential distribution				
Jumpering	one side		both sides	
IVB WKF 4...	single	double	single	double
I_{max}	64	76	76	76
I_{Nblock}	32	32	32	32

$$I_{max} = \sum I_n \leq \sum I_{N\ block}$$

Accessories for *fasis* WKFN 4 FSI...

Accessories		Type	Part No.	Std. Pack
Cross connector, insulated, for	2 blocks	IVB WKF 4–2	Z7.261.1227.0	10
	3 blocks	IVB WKF 4–3	Z7.261.1327.0	10
	4 blocks	IVB WKF 4–4	Z7.261.1427.0	10
	5 blocks	IVB WKF 4–5	Z7.261.1527.0	10
	6 blocks	IVB WKF 4–6	Z7.261.1627.0	10
	7 blocks	IVB WKF 4–7	Z7.261.1727.0	20
	8 blocks	IVB WKF 4–8	Z7.261.1827.0	20
	9 blocks	IVB WKF 4–9	Z7.261.1927.0	20
	10 blocks	IVB WKF 4–10	Z7.261.1027.0	20
Wire entry guide	0.13–0.2 mm²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm²	LEL 4/1 SCHWARZ	05.561.8753.0	100
Cover with warning symbol over 4 blocks	yellow	ADF 4/4 GELB	04.343.6153.8	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

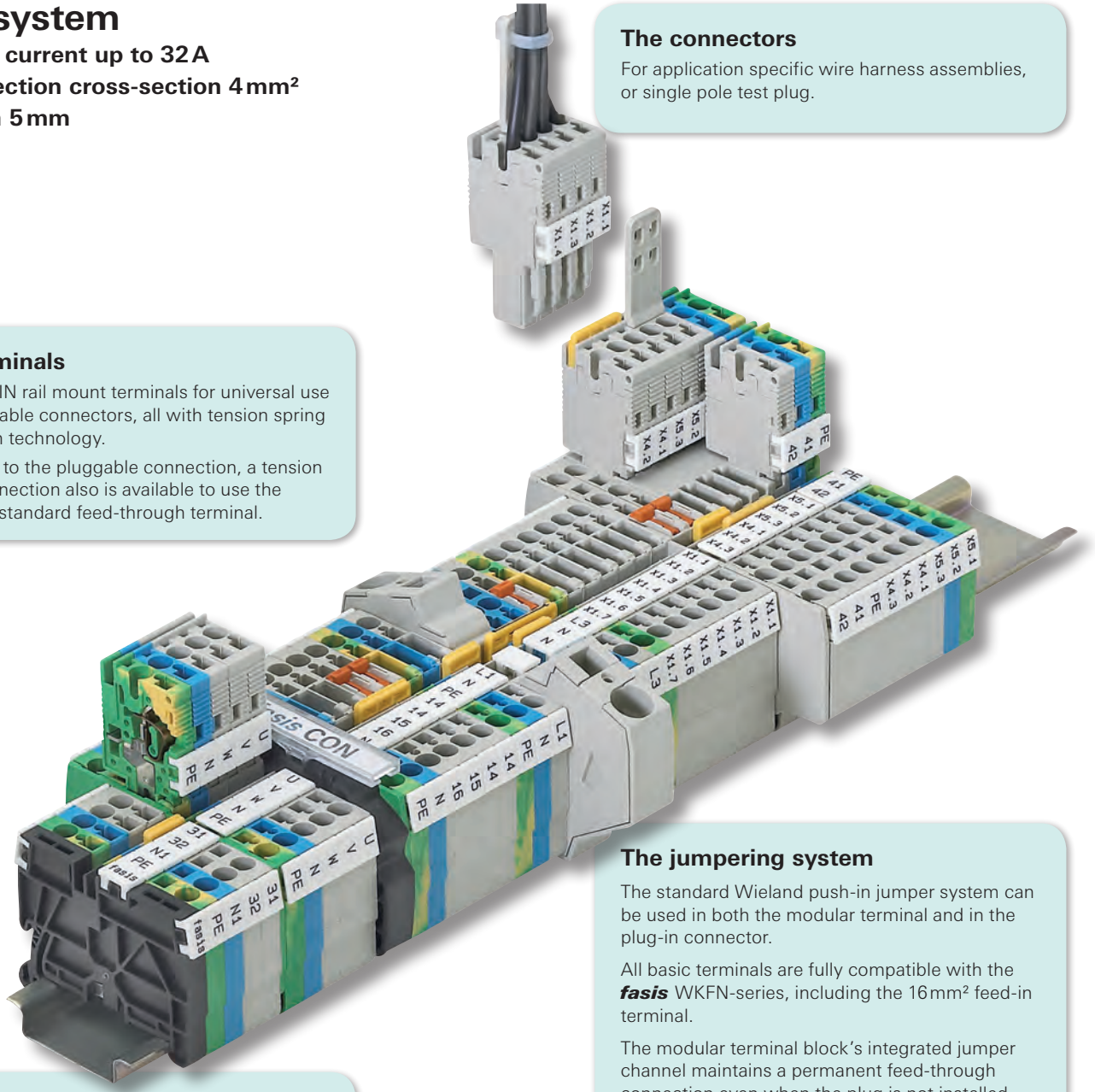
DIN rail terminal blocks with plug-in connection

The system

- **Rated current up to 32 A**
- **Connection cross-section 4 mm²**
- **Width 5 mm**

The connectors

For application specific wire harness assemblies, or single pole test plug.



The terminals

Modular DIN rail mount terminals for universal use with pluggable connectors, all with tension spring connection technology.

In addition to the pluggable connection, a tension spring connection also is available to use the block as a standard feed-through terminal.

The jumpering system

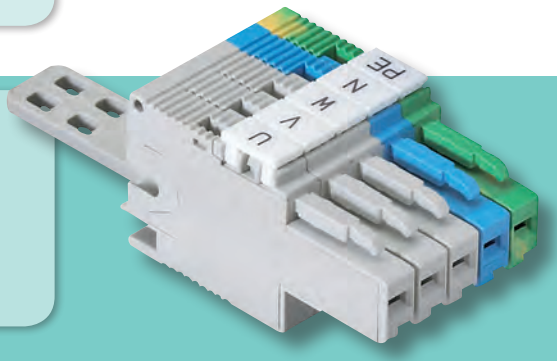
The standard Wieland push-in jumper system can be used in both the modular terminal and in the plug-in connector.

All basic terminals are fully compatible with the ***fasis*** WKFN-series, including the 16 mm² feed-in terminal.

The modular terminal block's integrated jumper channel maintains a permanent feed-through connection even when the plug is not installed.

The labeling system

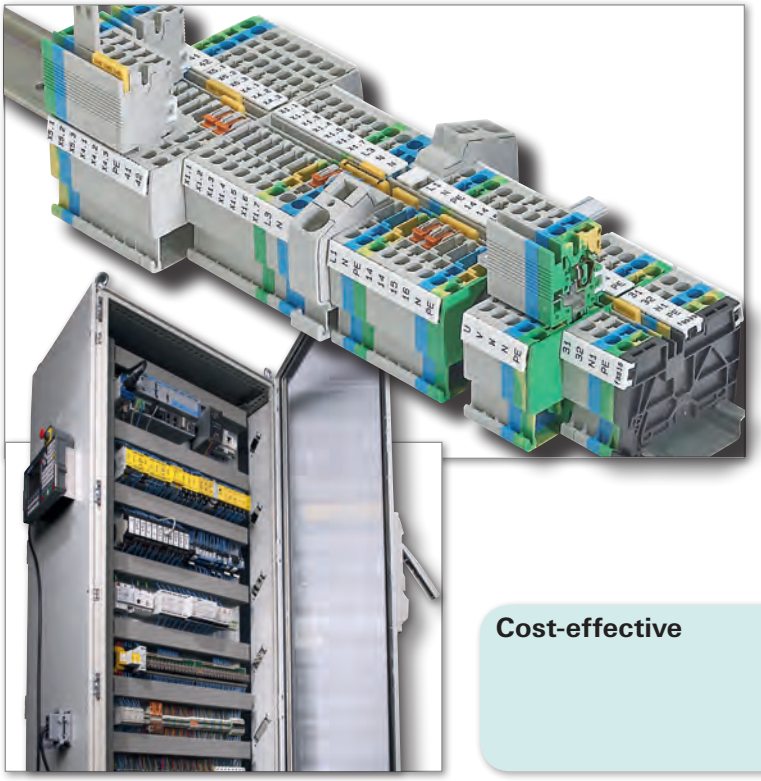
All termination points can be clearly labeled using the standard Wieland labeling system.



Integrated safety

Touch protection of all components, even when not connected, IP 20 when connected.

All plug connectors have a built-in latching mechanism and coding option – no further accessories required.



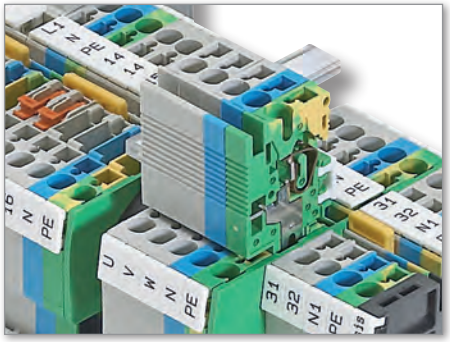
Plug & Play in the control cabinet – with *fasis* CON

fasis CON is a DIN rail terminal block system with a pluggable outgoing feeder, which offers modular, cost-saving solutions with advantages in every phase of the service life of an electrical system.

fasis CON is a fully compatible part of the established ***fasis*** WKFN system. Both the terminal and the plug connector possess the high-performance features of ***fasis*** WKFN.

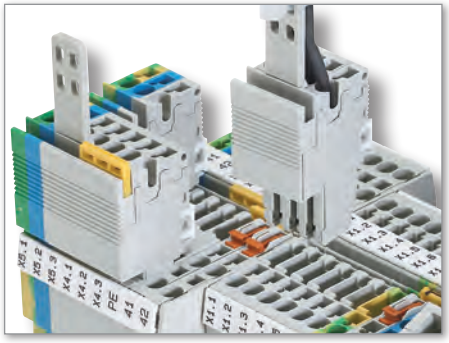
fasis CON consists of feed-through and ground DIN rail terminal blocks with a wide variety of both wiring termination points and sockets for the ***fasis*** CON pluggable connectors.

fasis CON is a cost-effective, high-performance and pluggable system solution.



Cost-effective

- Cost-optimized installation and maintenance times
- Small numbers of components
- Can be assembled individually
- Pre-assembled modules

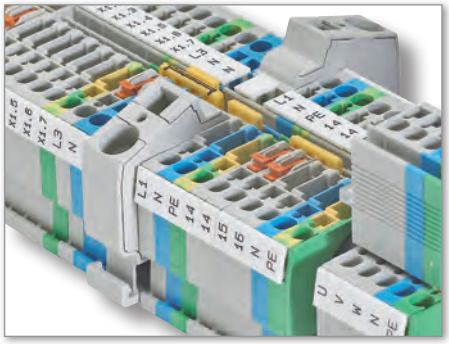


High-performance

- Range of terminals up to 4 mm²
- Rated current up to 32 A*
- Rated voltage 500 V
- Total width only 5 mm

Pluggable

- Complex systems can be brought on-line quickly and cost-effectively with pluggable technology
- Functional units can be tested easily
- Field components can be more quickly replaced when faults occur
- Systems can be expanded with pluggable technology



Complete system

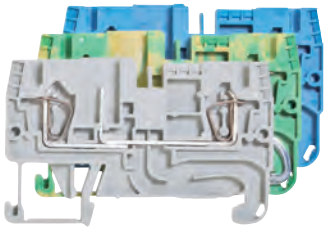
- Uniform accessories
- Coded to prevent mismating
- All components can be jumpered
- Comprehensive and clear labeling
- Can be combined with ***fasis*** WKFN

* Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com

DIN rail terminal blocks with plug-in connection

WKFN 2,5 F/P/F

- DIN rail terminal blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm²



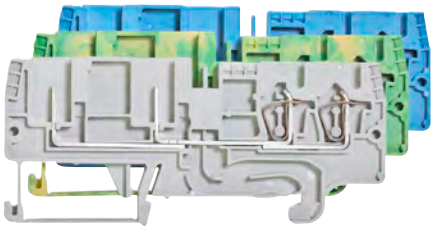
Description	Type	Part No.	Std. Pack
Feed-through block F/P/F, gray	WKFN 2,5 F/P/F	56.703.2355.0	100
Feed-through block F/P/F, blue	WKFN 2,5 F/P/F	56.703.2355.6	100
Ground block, green/yellow	WKFN 2,5 F/P/F-SL	56.703.2455.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 60 mm / 39 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1/-2		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		24 – 12	24 – 12
Rated current	32 A*	20 A	20 A
Rated voltage	500 V	500 V	500 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Note	* Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D1/2	07.312.6955.0	10
End plate, blue	APFN 2,5 D1/2 BLAU	07.312.6955.6	10
Partition, gray	TWFN 2,5 D1/2	07.312.7055.0	10

WKFN 2,5 2P/2F

- DIN rail terminal blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm²



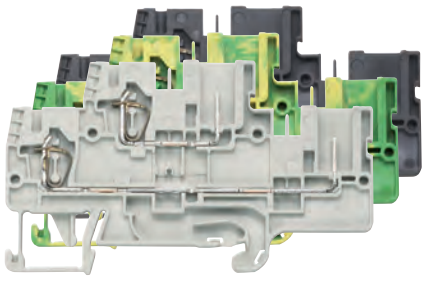
Description	Type	Part No.	Std. Pack
Feed-through block 2P/2F, gray	WKFN 2,5 2P/2F	56.703.2155.0	100
Feed-through block 2P/2F, blue	WKFN 2,5 2P/2F	56.703.2155.6	100
Ground block, green/yellow	WKFN 2,5 2P/2F-SL	56.703.2255.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 85 mm / 39 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1/-2		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		24 – 12	24 – 12
Rated current	32 A*	20 A	20 A
Rated voltage	500 V	500 V	500 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Note	* Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com		

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 TKM D2/2	07.313.0055.0	10
Partition, gray	TWFN 2,5 TKM D2/2	07.313.0155.0	10

WKFN 2,5 E/../../..

- Multi-tier blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Multi-tier block E/F/P, gray	WKFN 2,5 E/F/P	56.703.3455.0	100
Multi-tier block, vertically connected, black	WKFN 2,5 E/VB/F/P	56.703.3555.1	100
Multi-tier ground block, green/yellow	WKFN 2,5 E/F/P/SL	56.703.3655.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 49 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1/-2		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		24 – 12	24 – 12
Rated current	22 A*	20 A	20 A
Rated voltage	500 V	500 V	500 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Note	* Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com		

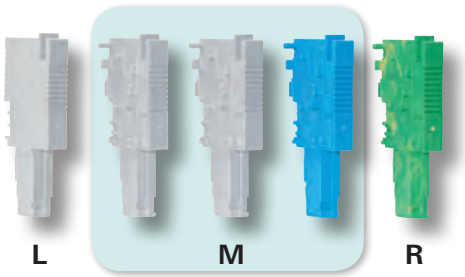
Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 E	07.312.7355.0	10
Partition, gray	TWFN 2,5 E	07.312.7455.0	10

More accessories page 124 ff.

Connectors

WBF 2,5/../..

- Connectors for DIN rail terminal blocks with plug-in connection

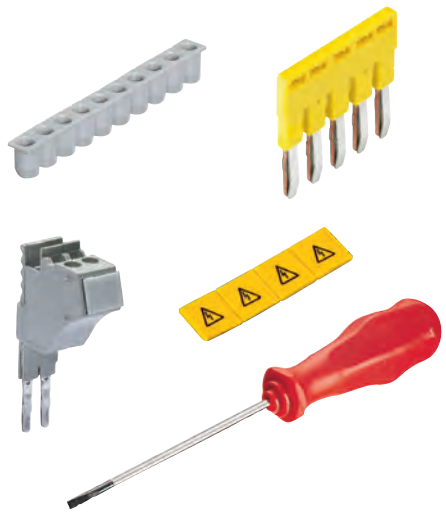


Description	Type	Part No.	Std. Pack
Connectors LEFT			
gray	WBF 2,5 1/L/GR	Z1.110.8955.0	50
blue	WBF 2,5 1/L/BL	Z1.110.8955.6	50
green/yellow	WBF 2,5 1/L/SL	Z1.110.8955.7	50
Connectors MIDDLE			
gray	WBF 2,5 1/M/GR	Z1.110.8855.0	50
blue	WBF 2,5 1/M/BL	Z1.110.8855.6	50
green/yellow	WBF 2,5 1/M/SL	Z1.110.8855.7	50
Connectors RIGHT			
gray	WBF 2,5 1/R/GR	Z1.110.9055.0	50
blue	WBF 2,5 1/R/BL	Z1.110.9055.6	50
green/yellow	WBF 2,5 1/R/SL	Z1.110.9055.7	50
Connectors preassembled, gray			
1 pole	WBF 2,5-1	59.903.0155.0	50
2 pole	WBF 2,5-2	59.903.0255.0	50
3 pole	WBF 2,5-3	59.903.0355.0	50
4 pole	WBF 2,5-4	59.903.0455.0	50
5 pole	WBF 2,5-5	59.903.0555.0	50
6 pole	WBF 2,5-6	59.903.0655.0	25
7 pole	WBF 2,5-7	59.903.0755.0	25
8 pole	WBF 2,5-8	59.903.0855.0	25
9 pole	WBF 2,5-9	59.903.0955.0	25
10 pole	WBF 2,5-10	59.903.1055.0	25

General data			
Width / length / height, incl. TS 7.5	5 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1/-2		
Cross section fine-stranded	0.13 – 4 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		24 – 12	24 – 12
Rated current	32 A*	20 A	20 A
Rated voltage	500 V	500 V	500 V
Rated impulse voltage	8 kV		
Pollution degree	3		
Note	* Observe the derating curve, available in our e-catalog at https://eshop.wieland-electric.com		

Accessories	Type	Part No.	Std. Pack
Strain relief	Z-WBF	05.567.9155.0	10
Screwdriver, uninsulated	DIN 5264 B 0,6x3,5	06.502.4000.0	10
Screwdriver, MINI	DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Accessories for *fasis* WKFN 2,5...



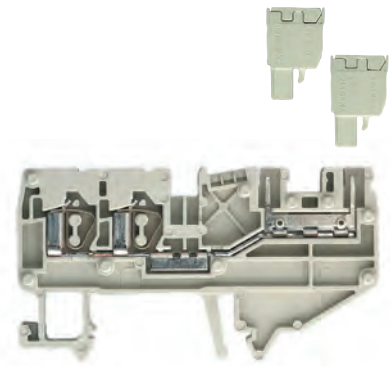
Accessories		Type	Part No.	Std. Pack
Cross connector, insulated, for	2 blocks	IVB WKF 2,5-2	Z7.280.6227.0	10
	3 blocks	IVB WKF 2,5-3	Z7.280.6327.0	10
	4 blocks	IVB WKF 2,5-4	Z7.280.6427.0	10
	5 blocks	IVB WKF 2,5-5	Z7.280.6527.0	10
	6 blocks	IVB WKF 2,5-6	Z7.280.6627.0	10
	7 blocks	IVB WKF 2,5-7	Z7.280.6727.0	20
	8 blocks	IVB WKF 2,5-8	Z7.280.6827.0	20
	9 blocks	IVB WKF 2,5-9	Z7.280.6927.0	20
	10 blocks	IVB WKF 2,5-10	Z7.280.7027.0	20
	20 blocks	IVB WKF 2,5-20	Z7.280.8027.0	20
Wire entry guide	0.13 – 0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25 – 0.5 mm²	LELN 2,5/1 GRAU	05.564.3855.0	100
	0.75 – 1.0 mm²	LELN 2,5/1 SCHWARZ	05.564.3955.0	100
Cover with warning symbol over 4 blocks	yellow	ADFN 2,5/4 GELB	04.343.8353.8	10
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Technical information see *facts* & DATA page 146 ff.

DIN rail terminal blocks with tension spring and pluggable connections

WKF 2,5 D2/8113/35

- Duo feed-through block for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Du feed-through block, gray	WKF 2,5 D2/8113/35	56.703.2053.0	100
Duo feed-through block, blue	WKF 2,5 D2/8113/35 BLAU	56.703.2053.6	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 76 mm / 42 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22–12	24–12
Rated current	16 A	15 A	15 A
Rated voltage	250 V	300 V	300 V
Rated impulse voltage	4 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		APF 2,5/D2/8113	07.312.4153.0	10
End plate, blue		APF 2,5/D2/8113	07.312.4153.6	10
Wire entry guide	0.13–0.2 mm²	LEL 2,5/1 WEISS	05.561.6553.0	100
	0.25–0.5 mm²	LEL 2,5/2 GRAU	05.561.6653.0	100
	0.75–1.0 mm2	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
Cover with warning symbol over 4 blocks		ADF 2,5/4 GELB	04.343.6053.8	10

WKF 2,5 D2/8113/SL/35

- Duo-Ground block for mounting on TS 35
- Nominal cross section 2.5 mm²

Description	Type	Part No.	Std. Pack
Duo-Ground block, green/yellow	WKF 2,5 D2/8113 SL/35	56.703.9253.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 76 mm / 42 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22–12	24–12
Rated current	16 A		
Rated voltage	250 V	300 V	300 V
Rated impulse voltage	4 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		APF 2,5/D2/8113	07.312.4153.0	10
Wire entry guide	0.13–0.2 mm²	LEL 2,5/1 WEISS	05.561.6553.0	100
	0.25–0.5 mm²	LEL 2,5/2 GRAU	05.561.6653.0	100
	0.75–1.0 mm²	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
Cover with warning symbol over 4 blocks		ADF 2,5/4 GELB	04.343.6053.8	10

WKF 1,5 E/8113/35

- Multi-tier block for mounting on TS 35
- Nominal cross section 1.5 mm²

Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKF 1,5 E/8113/35	56.702.2053.0	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 83 mm / 51 mm		
Wire strip length	8 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 1.5 mm²		
Cross section solid/stranded	0.13 – 2.5 mm²		
Cross section, AWG		22–12	24–12
Rated current	16 A		
Rated voltage	250 V		
Rated impulse voltage	4 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		APF 1,5/E/8113	07.312.4753.0	10
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Cover with warning symbol over 4 blocks		ADF 1,5/4 GELB	04.343.8353.8	10

More accessories page 124 ff.

WKF 1,5 E/35

- Multi-tier block for mounting on TS 35
- Nominal cross section 1.5 mm²

Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WKF 1,5 E/35	56.702.7053.0	100

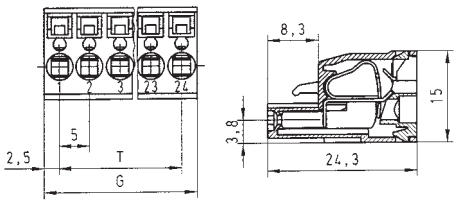
General data			
Width / length / height, incl. TS 7.5	5 mm / 83 mm / 51 mm		
Wire strip length	8 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 1.5 mm²		
Cross section solid/stranded	0.13 – 2.5 mm²		
Cross section, AWG		30–14	30–14
Rated current	17,5 A	15 A	15 A
Rated voltage	400 V	300 V	600 V
Rated impulse voltage	6 kV		
Pollution degree	3		

Accessories		Type	Part No.	Std. Pack
End plate, gray		APF 1,5 E	07.312.3553.0	10
Partition, gray		TWF 1,5 E	07.312.3653.0	10
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Cover with warning symbol over 4 blocks		ADF 1,5/4 GELB	04.343.8353.8	10

wiecon PC board connector

Type 8113 BFK

- Spring clamp/tension spring system
- 5 mm spacing, nominal cross section 2,5 mm²
- Accessories: coding pice 05.561.9153.0
- Rated voltages: VDE 0110/01.89
  250 V/4 kV/3–Overvoltage category III
  400 V/4 kV/2–Overvoltage category II
  1000 V/4 kV/1–Overvoltage category I



G	T	Pole	Part No.	Part No.	Std. Pack
5 mm spacing			**unmarked**	**marked**	
10.00	5.00	2	25.920.3253.0	25.920.0253.0	100
15.00	10.00	3	25.920.3353.0	25.920.0353.0	100
20.00	15.00	4	25.920.3453.0	25.920.0453.0	50
25.00	20.00	5	25.920.3553.0	25.920.0553.0	50
30.00	25.00	6	25.920.3653.0	25.920.0653.0	50
35.00	30.00	7	25.920.3753.0	25.920.0753.0	50
40.00	35.00	8	25.920.3853.0	25.920.0853.0	50
45.00	40.00	9	25.920.3953.0	25.920.0953.0	50
50.00	45.00	10	25.920.4053.0	25.920.1053.0	50
55.00	50.00	11	25.920.4153.0	25.920.1153.0	50
60.00	55.00	12	25.920.4253.0	25.920.1253.0	50
65.00	60.00	13	25.920.4353.0	25.920.1353.0	50
70.00	65.00	14	25.920.4453.0	25.920.1453.0	50
75.00	70.00	15	25.920.4553.0	25.920.1553.0	50
80.00	75.00	16	25.920.4653.0	25.920.1653.0	50

17- to 24- pole configurations upon request

General data			
Wire strip length	9 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22–12	22–12
Rated current	12 A	12 A	12 A
Rated voltage		300 V	300 V
Rated impulse voltage			
Pollution degree			

Accessories for *fasis* WKF 2,5 D... and WKF 1,5 E...

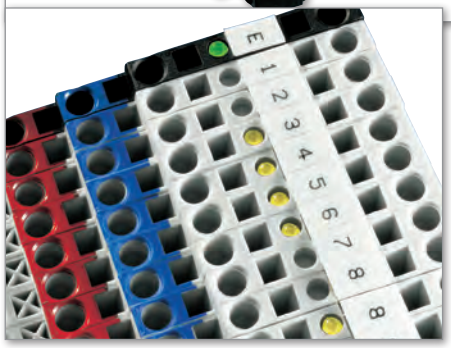
Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Cover with warning symbol over 4 poles	yellow	AD 8113/4 GELB	04.343.6853.8	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Coding strip			05.561.0053.0	100

Initiator and actuator blocks with tension spring connection

For machine and system control wiring, practice-oriented solutions are preferred that are primarily economical and reliable and thus contribute to the system's operational and functional safety.

fasis KOI was designed to connect the great variety of initiators and actuators to central and remote control systems. The initiator and actuator blocks of type WKF 1,5 KOI have, in particular, been conceived for the requirements in machine and system engineering. They facilitate the wiring task through clearly arranged termination points and an easily accessible and operable tension spring technology.

fasis KOI is a compact and efficient wiring system for connection purposes, potential distribution and transmission of signals from initiators and actuators.



System features and benefits

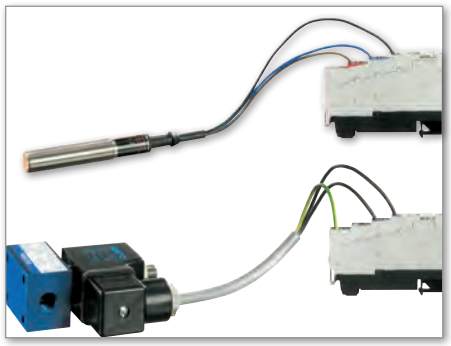
- Control-compatible system solutions through accurate matching of the connection modules' number of poles to the input and output modules of the PLC.
- Flexible connection module mounting options with either snap-on TS 35 DIN rail mount, or direct mounting to a backplane with screws.
- Application-specific individual terminal block as a link between initiators, actuators and the PLC.

Economically designed

- Low space requirements due to compact dimensioning of the individual terminal blocks and integration of the potential distribution inside the connection module.
- Efficient installation and start-up of the wiring system by simply fitting the connection module with components, making further accessories unnecessary.
- Reduction of the warehousing costs due to a low variety of parts without having to forego flexibility in the application.

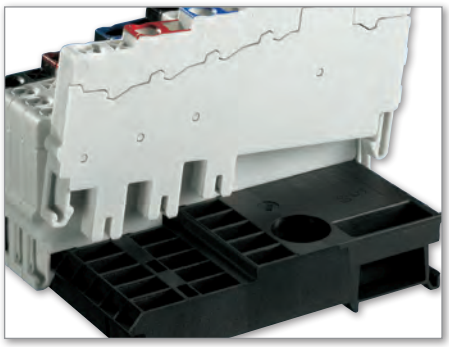
Service-friendly operation

- Short maintenance times for modifications of the terminal block assembly by replacing or extending individual blocks without interrupting the power supply of the other initiator and actuator blocks.
- Immediate visual monitoring of the switching states due to integrated light-emitting diodes.
- No maintenance required due to a permanently secure and dynamic tension spring clamp connection system.



Application specific options

- Power supply to the connection modules through supply blocks, with optional LEDs.
- Potential distribution through connection modules in designs for 9 (1+8) or 18 (2x(1+8)) terminal blocks.
- Initiator blocks, for example for the connection of 3-wire or 4-wire proximity or position switches, with optional LEDs.
- Actuator terminals, for example for the connection of magnetic valves.



Connection module

Collect and distribute potentials

- Potential distribution is achieved quickly and safely as soon as the terminal blocks are snapped on.
- Cross connectors for the plus, minus and ground or screen potential are each integrated in the connection modules.
- The system does not require any additional cross connectors.

Wire entry guides

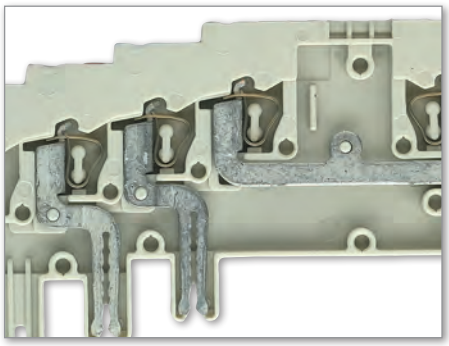
Connect small cross sections safely

- Wire entry guides prevent the wires from being inserted too deeply (smaller than 1 mm²) and enable an easy, professional and quick installation.
- Ensure the connection of solid and fine-stranded wires smaller than 1 mm².
- Also see the accessories for DIN rail terminal blocks starting at page 124!

Marking system

All clamping points marked clearly

- Marking tags easily readable even with the wires connected.
- Clear assignment of wire to the termination point while wiring.
- Simplified troubleshooting for servicing.
- Customized marking with the ***wiemarc*** and ***wieplot*** marking systems.



Materials

High-quality materials

- Special alloys enable low feed-through resistance and provide a gas-tight contact area:
  – clamping spring: stainless CrNi steel
  – current-carrying bar: tin-plated copper
- Polyamide has excellent electrical, chemical and mechanical characteristics:
  – temperature resistance: up to 120°C
  – creepage resistance: CTI 600
  – flammability class: self-extinguishing, UL94-V2

Initiator and actuator blocks with tension spring connection

WKF 1,5 KOI 3L...

- Initiator block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²

37.702.7453.0
* 65 V/1.5 kV/3

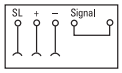
37.702.8453.0
* DC 24 V
same as picture, but with LED

Description		Type	Part No.	Std. Pack
Initiator block, gray		WKF 1,5 KOI 3L	37.702.7453.0	50
Initiator block with LED, gray		WKF 1,5 KOI 3L-PGE	37.702.8453.0	50
General data				
Width / length / height, incl. TS 7.5		5 mm / 71 mm / 48 mm		
Wire strip length		10 mm		
Approvals				
Technical data		**IEC**	**UL**	**CSA**
		EN 60947-7-1		
Cross section fine-stranded		0.13 – 1.5 mm²		
Cross section solid/stranded		0.13 – 1.5 mm²		
Cross section, AWG			22–16	28–16
Rated current		10 A	10 A	10 A
Rated voltage		*	65 V	65 V
Rated impulse voltage				
Pollution degree				
Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5

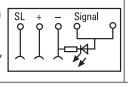
WKF 1,5 KOI 3L/SL...

- Initiator block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²

37.702.7553.0
* 65 V/1.5 kV/3



37.702.8553.0
* DC 24 V
same as picture, but with LED

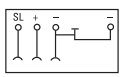


Description		Type	Part No.	Std. Pack
Initiator block, gray		WKF 1,5 KOI 3L/SL	37.702.7553.0	50
Initiator block with LED, gray		WKF 1,5 KOI 3L/SL-PGE	37.702.8553.0	50
General data				
Width / length / height, incl. TS 7.5		5 mm / 71 mm / 48 mm		
Wire strip length		10 mm		
Approvals				
Technical data		**IEC**	**UL**	**CSA**
		EN 60947-7-1		
Cross section fine-stranded		0.13 – 1.5 mm²		
Cross section solid/stranded		0.13 – 1.5 mm²		
Cross section, AWG			22–16	28–16
Rated current		10 A	10 A	10 A
Rated voltage		*	65 V	65 V
Rated impulse voltage				
Pollution degree				
Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5

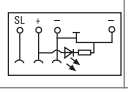
WKF 1,5 KOE...

- Supply block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²

37.702.7753.0
* 65 V/1.5 kV/3



37.702.8753.0
* DC 24 V
same as picture, but with LED

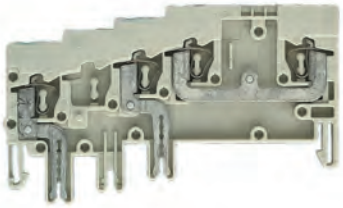


Description		Type	Part No.	Std. Pack
Supply block, black		WKF 1,5 KOE	37.702.7753.0	50
Supply block with LED, black		WKF 1,5 KOE-PGN	37.702.8753.0	50
General data				
Width / length / height, incl. TS 7.5		5 mm / 71 mm / 48 mm		
Wire strip length		10 mm		
Approvals				
Technical data		**IEC**	**UL**	**CSA**
		EN 60947-7-1		
Cross section fine-stranded		0.13 – 1.5 mm²		
Cross section solid/stranded		0.13 – 1.5 mm²		
Cross section, AWG			22–16	28–16
Rated current		10 A	10 A	10 A
Rated voltage		*	65 V	65 V
Rated impulse voltage				
Pollution degree				
Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5

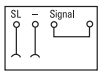
More accessories page 124 ff.

WKF 1,5 KOA 2L...

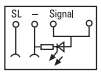
- Actuator block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²



37.702.7653.0
* 65 V/1.5 kV/3



37.702.8653.0
* DC 24 V
same as picture, but with LED



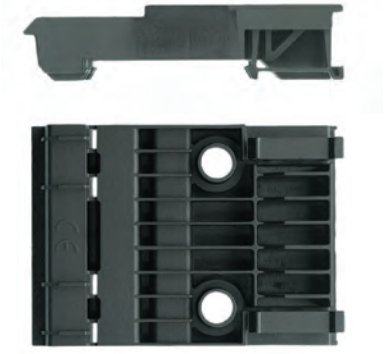
Description	Type	Part No.	Std. Pack
Actuator block, gray	WKF 1,5 KOA 2L	37.702.7653.0	50
Actuator block with LED, gray	WKF 1,5 KOA 2L/SL-PGE	37.702.8653.0	50

General data			
Width / length / height, incl. TS 7.5	5 mm / 71 mm / 48 mm		
Wire strip length	10 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 1.5 mm²		
Cross section solid/stranded	0.13 – 1.5 mm²		
Cross section, AWG		28–16	
Rated current	10 A	10 A	
Rated voltage	*	65 V	
Rated impulse voltage			
Pollution degree			

Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5

VM WKF...

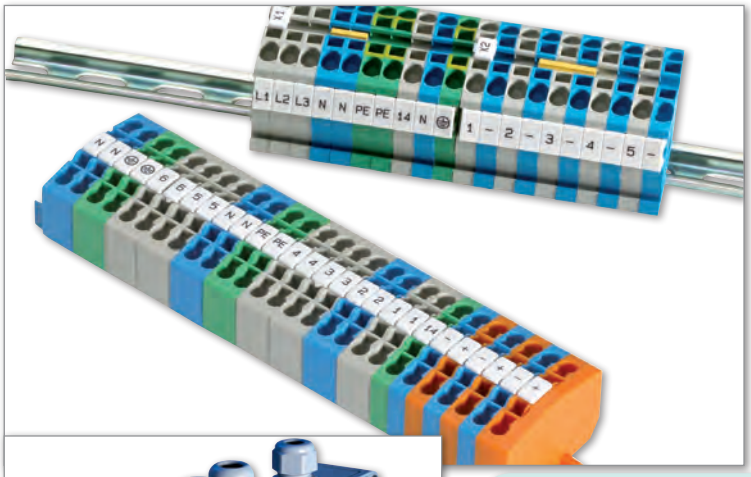
- Connection module for 9 or 18 blocks



Description	Type	Part No.	Std. Pack
Connection module for 9 blocks, black	VM WKF K0..9	69.700.0953.0	10
Connection module for 18 blocks, black	VM WKF K0..18	69.700.1853.0	5

General data			
Length: 9 pole module	L = 9 x 5 mm + 1.5 mm		
Length: 18 pole module	L = 18 x 5 mm + 1.5 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 1.5 mm²		
Cross section solid/stranded	0.13 – 1.5 mm²		
Cross section, AWG			
Rated current	10 A	10 A	
Rated voltage	*	65 V	
Rated impulse voltage			
Pollution degree			

DIN rail terminal blocks with tension spring connection

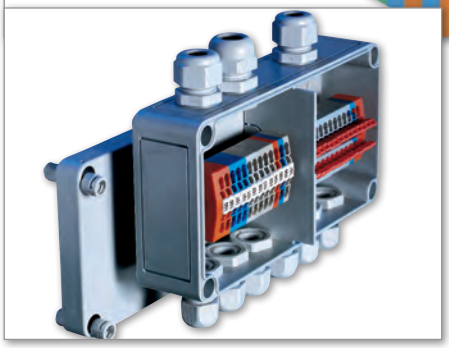


With our DIN rail terminal block system ***fasis*** MINI we focus on the application's size and flexibility. ***fasis*** MINI is a range of DIN rail terminal blocks in tension spring technology designed for installation in confined spaces.

The portfolio comprises ground blocks and feed-through blocks in various colors with 2 or 4 connections per potential.

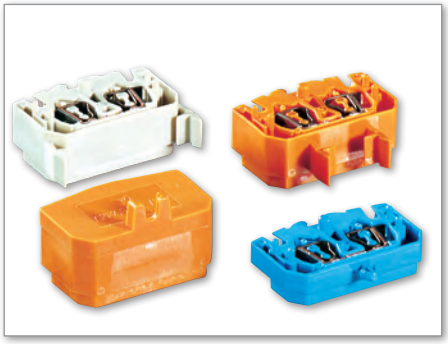
The potential in the WKFM 2,5 terminal block series can be distributed, modified and extended quickly, flexibly and without problem by using cross connectors.

Designed to be mounted in various ways, including TS 35 and TS 15 DIN rails, backpanels, or inside distribution boxes, we provide different solutions including snap-on mounting feet, pins, and screw flanges.



Solutions for confined spaces

- Space-saving miniature terminal blocks in many designs for installation inside distribution boxes, motors and applications with confined space requirements.
- Easy wiring with user-friendly screwdriver entry guides at the top of the block.
- Marking tags easily readable even with the wires connected.
- Customized assembly design and marking using ***wieplan*** and ***wiemarc***.



Application specific options

- Miniature terminal blocks with push-in mounting pin for installation directly onto the panel.
- Miniature terminal blocks with screw flange for installation directly onto the panel.
- Miniature terminal blocks for installation on TS 15 or TS 35 mounting rails.

Customized assembly

- DIN rail terminal blocks of the ***fasis*** MINI series are available in 2 and 4 pole configurations.
- ***fasis*** MINI blocks can be snapped together with the integrated latching pins, with or without a mounting rail.
- The various potentials and terminal blocks are visually distinguished by several color variations.
- Individual marking using marking tags or customized printing of the terminal blocks.

Permanent electrical connection

- The tension spring system provides a dynamic clamping connection. Load-controlled and thermal cold flow properties of the connected wires are balanced.
- Maintenance-free and gas-tight electrical connection as specified by the approvals. Customized layouts can be created individually.
- Separation of electrical and mechanical functions.

More accessories page 124 ff.

WKMF 2,5/15

- Feed-through block with tension spring connection for mounting on TS 15
- Nominal cross section 2.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Feed-through block, gray	WKMF 2,5/15	55.703.0053.0	100
Feed-through block, blue	WKMF 2,5/15	55.703.0053.6	100

General data				
Width / length / height, incl. TS 5.5	5 mm / 36 mm / 30 mm			
Wire strip length	10 mm			
Approvals	ATEX, cULus, GL			KEMA 03 ATEX 2071 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.5–2.5 mm²
Cross section solid/stranded	0.13–2.5 mm²			0.5–2.5 mm²
Cross section, AWG		26–12	26–12	
Rated current	24 A	20 A	20 A	19/20 A[1]
Rated voltage	500 V	600 V	300 V	275 V[2]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1] with/without jumper [2] For maintaining the proper isolation distances, the open side of feed-through or ground blocks as well as both sides of a jumper are to be covered by partitions.			

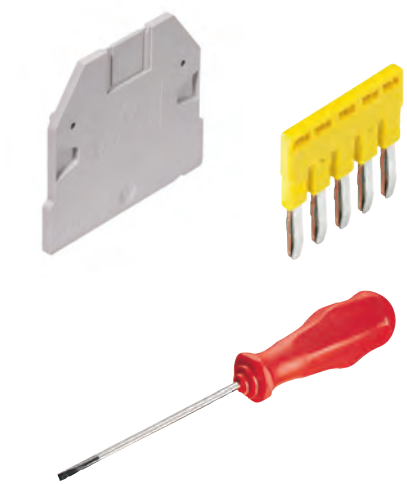
WKMF 2,5 SL/15

- Ground block with tension spring connection for mounting on TS 15
- Nominal cross section 2.5 mm²
- Ex e II Ⓔx II 2GD
  Follow the EX installation instructions on page 149

Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WKMF 2,5 SL/15	55.703.9053.0	100

General data				
Width / length / height, incl. TS 5.5	5 mm / 36 mm / 30 mm			
Wire strip length	10 mm			
Approvals	ATEX, cULus, GL			KEMA 03 ATEX 2071 U
Technical data	**IEC**	**UL**	**CSA**	Ⓔx
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm²			0.5–2.5 mm²
Cross section solid/stranded	0.13–2.5 mm²			0.5–2.5 mm²
Cross section, AWG		26–12	26–12	
Rated current				
Rated voltage	500 V	600 V	300 V	[1]
Rated impulse voltage	6 kV			
Pollution degree	3			
Note	[1] For maintaining the proper isolation distances, the open side of feed-through or ground blocks as well as both sides of a jumper are to be covered by partitions.			

Accessories for *fasis* WKMF 2,5...



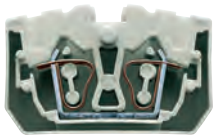
Accessories		Type	Part No.	Std. Pack
End plate, 1.5 mm wide	gray	APMF 2,5 /15	07.312.5953.0	10
Cross connector, insulated	2 pole	IVB WKMF 2,5–2	Z7.260.0229.0	10
	3 pole	IVB WKMF 2,5–3	Z7.260.0329.0	10
	4 pole	IVB WKMF 2,5–4	Z7.260.0429.0	10
	5 pole	IVB WKMF 2,5–5	Z7.260.0529.0	10
	10 pole	IVB WKMF 2,5–10	Z7.260.1029.0	10
	50 pole	IVB WKMF 2,5 M50	Z7.260.0029.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Technical information see *facts* & DATA page 146 ff.

Mini terminal blocks with tension spring connection

WKF 2,5/M with flange

- Feed-through block with tension spring connection with or without flange
- Nominal cross section 2.5 mm²



WKF 2,5/M/F

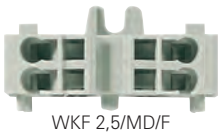
WKF 2,5/M

Description	Type	Part No.	Std. Pack
Feed-through block unmarked, gray	WKF 2,5/M	37.703.0553.0	100
Feed-through block unmarked, blue	WKF 2,5/M BLAU	37.703.0553.6	100
Feed-through block unmarked, orange	WKF 2,5/M ORANGE	37.703.0553.9	100
Feed-through block with flange, gray	WKF 2,5/M/F	39.703.0153.0	100
Feed-through block with flange, blue	WKF 2,5/M/F BLAU	39.703.0153.6	100
Feed-through block with flange, orange	WKF 2,5/M/F ORANGE	39.703.0153.9	100

General data			
Width / length / height	5 mm / 36 mm / 23 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

WKF 2,5/MD with flange

- Duo feed-through block with tension spring connection with or without flange
- Nominal cross section 2.5 mm²



WKF 2,5/MD/F

WKF 2,5/MD

Description	Type	Part No.	Std. Pack
Duo feed-through block unmarked, gray	WKF 2,5/MD	37.703.1053.0	100
Duo feed-through block unmarked, blue	WKF 2,5/MD BLAU	37.703.1053.6	100
Duo feed-through block unmarked, orange	WKF 2,5/MD ORANGE	37.703.1053.9	100
Duo feed-through block with flange, gray	WKF 2,5/MD/F	39.703.0253.0	100
Duo feed-through block with flange, blue	WKF 2,5/MD/F BLAU	39.703.0253.6	100
Duo feed-through block with flange, orange	WKF 2,5/MD/F ORANGE	39.703.0253.9	100

General data			
Width / length / height	10 mm / 36 mm / 23 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories for *fasis* WKF 2,5/M...

Accessories		Type	Part No.	Std. Pack
End plate with flange on the right	gray	APF 2,5/M.../F/R	07.312.3153.0	10
End plate with flange on the right	blue	APF 2,5/M.../F/R BLAU	07.312.3153.6	10
End plate with flange on the right	orange	APF 2,5/M.../F/R ORANGE	07.312.3153.9	10
Wire entry guide	0.13–0.2 mm²	LEL 2,5/1 WEISS	05.561.6553.0	100
Wire entry guide	0.25–0.5 mm²	LEL 2,5/2 GRAU	05.561.6653.0	100
Wire entry guide	0.75–1.0 mm²	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
Cross connector, insulated	2 pole		05.902.3500.0	10
Marking strip, unmarked	(4 x 22 pcs.)		04.244.0053.0	5
marked	(1–11)		04.844.2053.0	5
marked	(12–55)		04.844.2153.0	5
marked	(56–99)		04.844.2253.0	5
Screwdriver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5

More accessories page 124 ff.

WKF 2,5/M/R with mounting foot

- Feed-through block with tension spring connection, unmarked
- Nominal cross section 2.5 mm²

Mounting hole: Ø 3,5 mm
Plate thickness: 0,6–1,2 mm

Description	Type	Part No.	Std. Pack
Feed-through block unmarked, gray	WKF 2,5/M/R	38.703.0553.0	100
Feed-through block unmarked, blue	WKF 2,5/M/R BLAU	38.703.0553.6	100
Feed-through block unmarked, orange	WKF 2,5/M/R ORANGE	38.703.0553.9	100

General data			
Width / length / height	5 mm / 36 mm / 23 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

WKF 2,5/MD/R with mounting foot

- Duo feed-through block with tension spring connection, unmarked
- Nominal cross section 2.5 mm²

Mounting hole: Ø 3,5 mm
Plate thickness: 0,6–1,2 mm

Description	Type	Part No.	Std. Pack
Duo feed-through block unmarked, gray	WKF 2,5/MD/R	38.703.1053.0	100
Duo feed-through block unmarked, blue	WKF 2,5/MD/R BLAU	38.703.1053.6	100
Duo feed-through block unmarked, orange	WKF 2,5/MD/R ORANGE	38.703.1053.9	100

General data			
Width / length / height	10 mm / 36 mm / 23 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories for *fasis* WKF 2,5/M.../R

Accessories		Type	Part No.	Std. Pack
End plate	gray	APF 2,5/M...	07.312.2953.0	10
End plate	blue	APF 2,5/M... BLAU	07.312.2953.6	10
End plate	orange	APF 2,5/M... ORANGE	07.312.2953.9	10
Wire entry guide	0.13–0.2 mm²	LEL 2,5/1 WEISS	05.561.6553.0	100
Wire entry guide	0.25–0.5 mm²	LEL 2,5/2 GRAU	05.561.6653.0	100
Wire entry guide	0.75–1.0 mm²	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
Cross connector, insulated	2 pole		05.902.3500.0	10
Marking strip, unmarked	(4 x 22 pcs.)		04.244.0053.0	5
marked	(1–11)		04.844.2053.0	5
marked	(12–55)		04.844.2153.0	5
marked	(56–99)		04.844.2253.0	5
Screwdriver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5

Mini terminal blocks with tension spring connection

WKF 2,5/M/15

- Feed-through block with tension spring connection, unmarked, for mounting on TS 15
- Nominal cross section 2.5 mm²

Description	Type	Part No.	Std. Pack
Feed-through block unmarked, gray	WKF 2,5/M/15	55.703.0553.0	100
Feed-through block unmarked, blue	WKF 2,5/M/15 BLAU	55.703.0553.6	100
Feed-through block unmarked, orange	WKF 2,5/M/15 ORANGE	55.703.0553.9	100
Feed-through block unmarked, green	WKF 2,5/M/15 GRÜN	55.703.0553.7	100

General data			
Width / length / height, incl. TS 5.5	5 mm / 36 mm / 27 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

WKF 2,5/MD/15

- Duo feed-through block with tension spring connection, unmarked, for mounting on TS 15
- Nominal cross section 2.5 mm²

Description	Type	Part No.	Std. Pack
Duo feed-through block unmarked, gray	WKF 2,5/MD/15	55.703.1053.0	100
Duo feed-through block unmarked, blue	WKF 2,5/MD/15 BLAU	55.703.1053.6	100
Duo feed-through block unmarked, orange	WKF 2,5/MD/15 ORANGE	55.703.1053.9	100
Duo feed-through block unmarked, green	WKF 2,5/MD/15 GRÜN	55.703.1053.7	100

General data			
Width / length / height, incl. TS 5.5	10 mm / 36 mm / 27 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

More accessories page 124 ff.

WKF 2,5/M/35

- Feed-through block with tension spring connection, unmarked, for mounting on TS 35
- Nominal cross section 2.5 mm²

Description	Type	Part No.	Std. Pack
Feed-through block unmarked, gray	WKF 2,5/M/35	56.703.0553.0	100
Feed-through block unmarked, blue	WKF 2,5/M/35 BLAU	56.703.0553.6	100
Feed-through block unmarked, orange	WKF 2,5/M/35 ORANGE	56.703.0553.9	100
Feed-through block unmarked, green	WKF 2,5/M/35 GRÜN	56.703.0553.7	100

General data			
Width / length / height, incl. TS 7.5	5 mm / 36 mm / 32 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

WKF 2,5/MD/35

- Duo-Feed-through block with tension spring connection, unmarked, for mounting on TS 35
- Nominal cross section 2.5 mm²

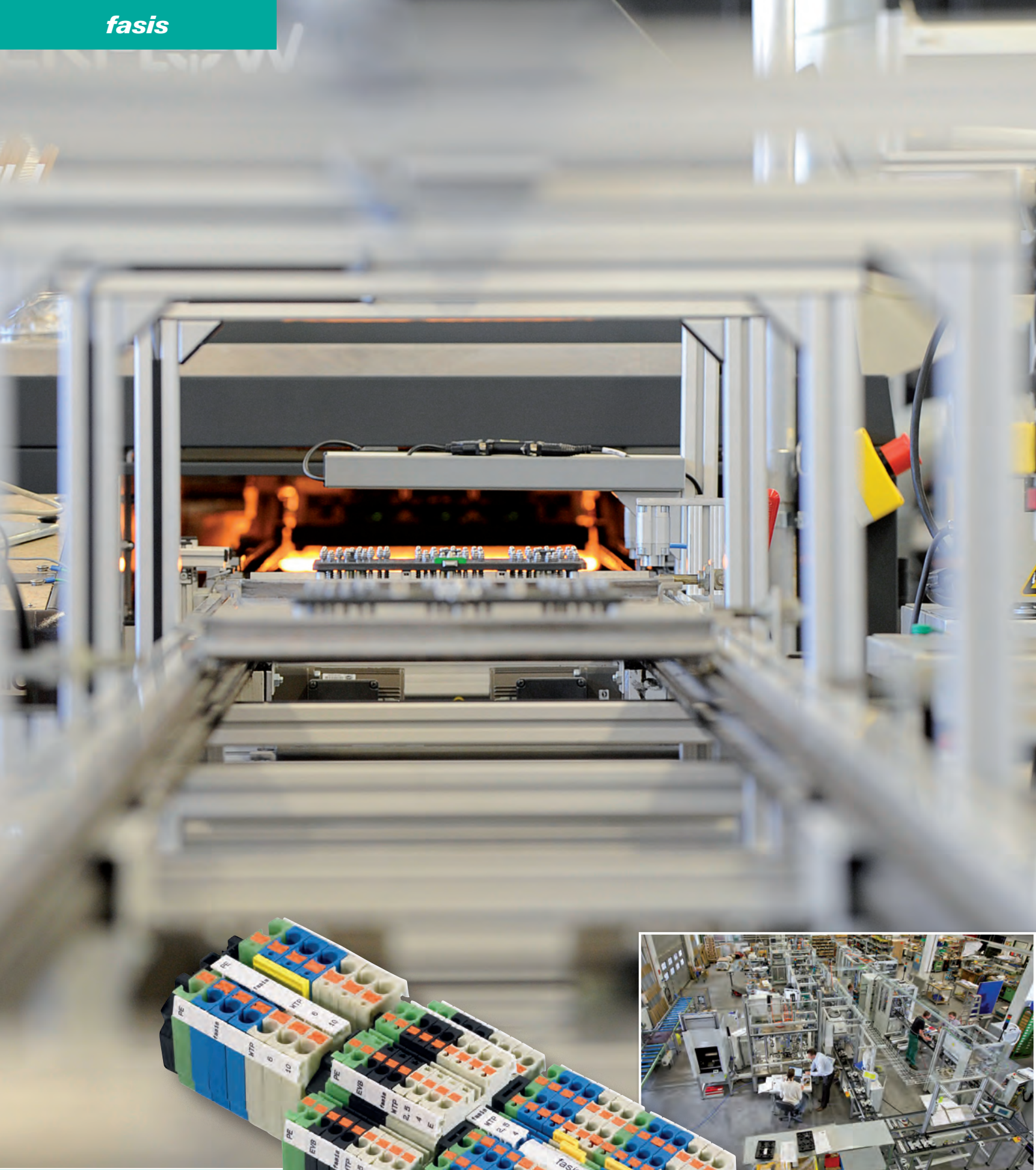
Description	Type	Part No.	Std. Pack
Duo-Feed-through block unmarked, gray	WKF 2,5/MD/35	56.703.1053.0	100
Duo-Feed-through block unmarked, blue	WKF 2,5/MD/35 BLAU	56.703.1053.6	100
Duo-Feed-through block unmarked, orange	WKF 2,5/MD/35 ORANGE	56.703.1053.9	100
Duo-Feed-through block unmarked, green	WKF 2,5/MD/35 GRÜN	56.703.1053.7	100

General data			
Width / length / height, incl. TS 7.5	10 mm / 36 mm / 32 mm		
Wire strip length	11 mm		
Approvals			
Technical data	**IEC**	**UL**	**CSA**
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm²		
Cross section solid/stranded	0.13 – 4 mm²		
Cross section, AWG		22 – 12	24 – 12
Rated current	24 A	20 A	25 A
Rated voltage	800 V	600 V	600 V
Rated impulse voltage	8 kV		
Pollution degree	3		

Accessories for *fasis* WKF 2,5/M...

Accessories			Type	Part No.	Std. Pack
End plate		gray	APF 2,5/M...	07.312.2953.0	10
End plate		blue	APF 2,5/M... BLAU	07.312.2953.6	10
End plate		orange	APF 2,5/M... ORANGE	07.312.2953.9	10
Wire entry guide		0.13 – 0.2 mm²	LEL 2,5/1 WEISS	05.561.6553.0	100
Wire entry guide		0.25 – 0.5 mm²	LEL 2,5/2 GRAU	05.561.6653.0	100
Wire entry guide		0.75 – 1.0 mm²	LEL 2,5/3 SCHWARZ	05.561.6753.0	100
Cross connector, insulated		2 pole		05.902.3500.0	10
Marking strip,	unmarked	(4 x 22 pcs.)		04.244.0053.0	5
	marked	(1 – 11)		04.844.2053.0	5
	marked	(12 – 55)		04.844.2153.0	5
	marked	(56 – 99)		04.844.2253.0	5
	yellow, unmarked			04.244.0053.8	5
Screwdriver, uninsulated			DIN 5264 B 0,6 x 3,5	06.502.4000.0	5

Technical information see *facts* & DATA page 146 ff.



fasis PUSH IN
fasis PUSH IN

fasis WTP – DIN rail terminal blocks with **push-in connection**

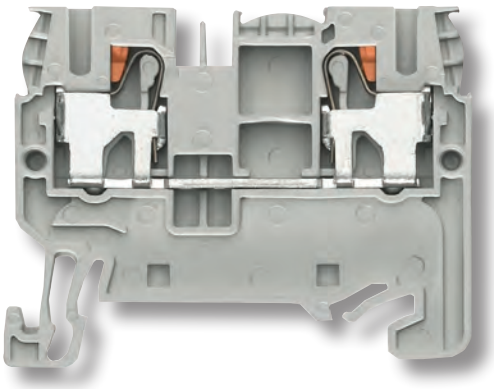
Terminate wires easily, directly and without tools!

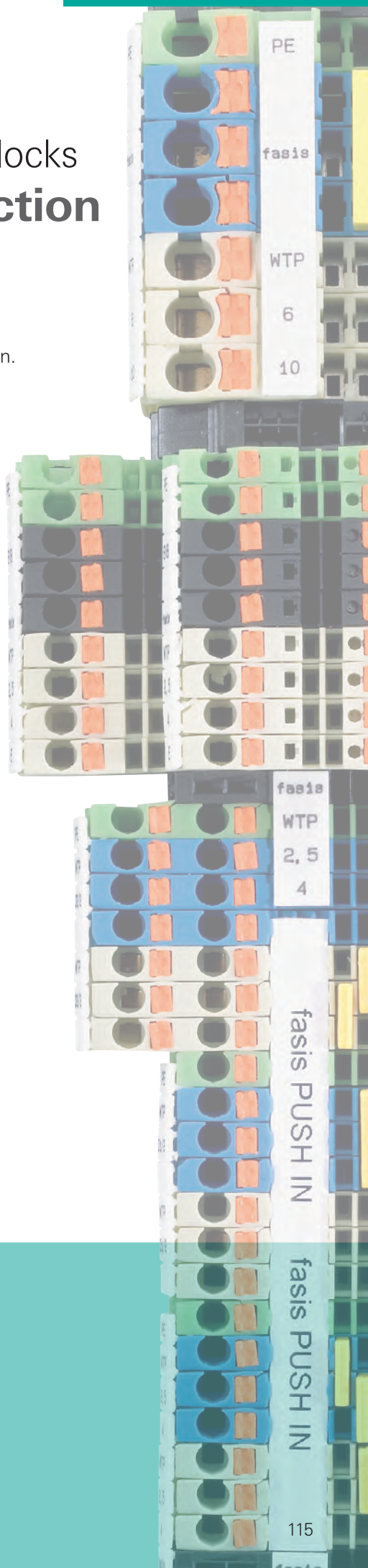
fasis WTP – DIN rail terminal blocks with push-in connection. Built according to an effective and comprehensive concept, including compact design and high-performance contact technology, ***fasis*** WTP reduces installation time and keeps inventory costs to a minimum.

The product line includes feed-through and ground blocks with 2, 3 or 4 termination points, as well as multi-tier blocks.

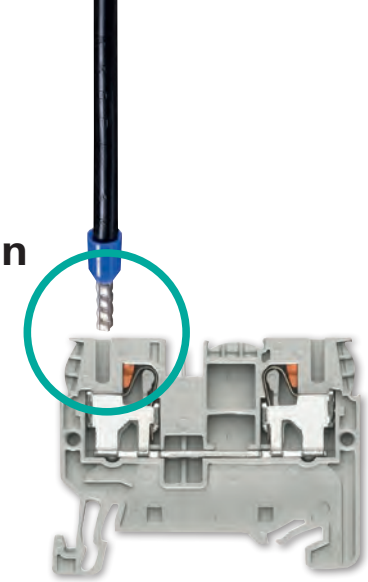
fasis WTP has been designed for use in machinery and plant engineering, as well as power distribution for buildings.

Connection cross-sections up to 10 mm²
Rated current of up to 57 A
Rated voltage of up to 1000 V





fasis WTP – wires simply push-in

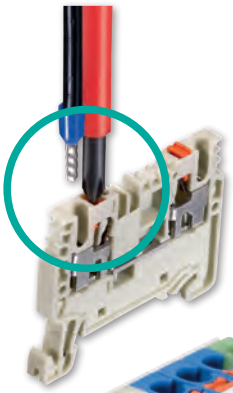


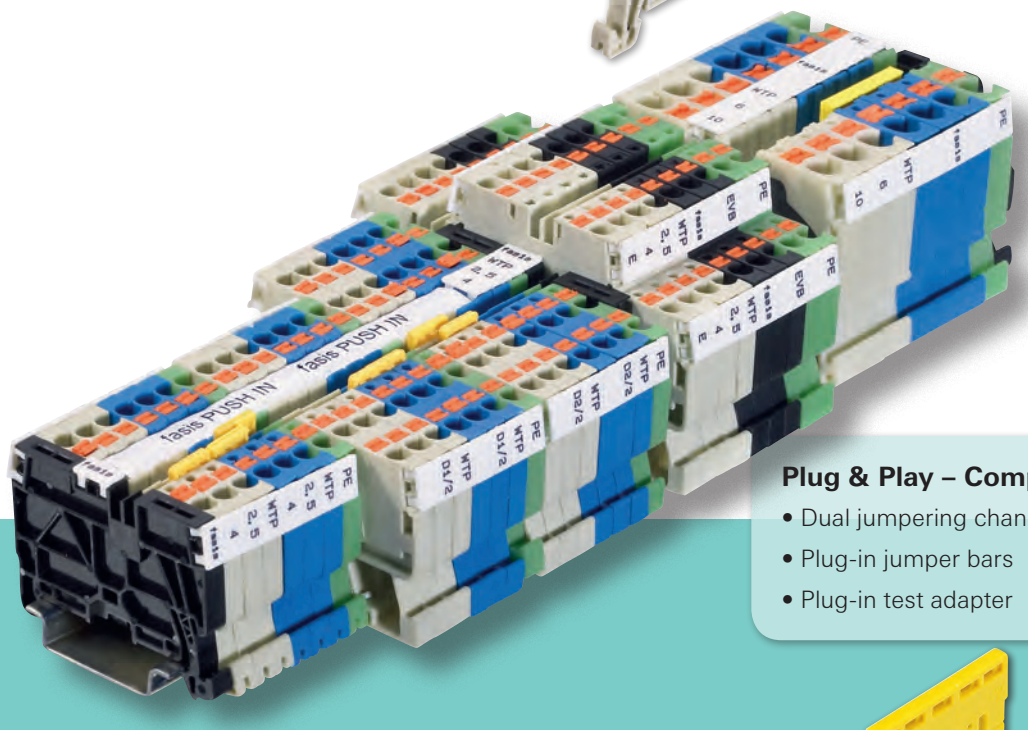
Connect without tools
- Push-in connection
- Wires connect directly

fasis push-in				
Nominal cross section	2.5 mm²	4 mm²	6 mm²	10 mm²
Rated current	32 A		57 A	
Width	5 mm		8 mm	
	⇩		⇩	
	WTP 2,5/4		**WTP 6/10**	

The same functionality – fewer items
- 2.5 & 4 mm² and 6 & 10 mm² in one block

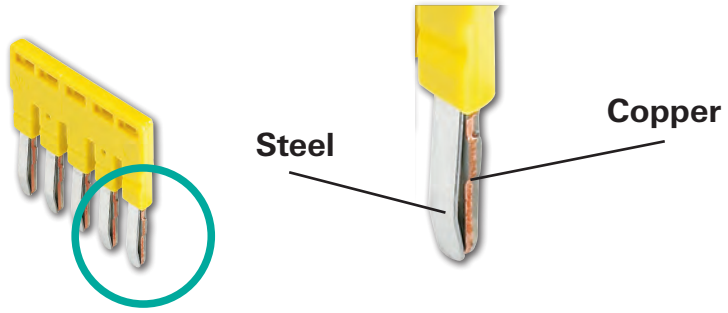
Integrated release lever
- No mix-up of wire-entry and screwdriver entry points
- No contact with live parts
- Use of Philips head screwdriver also possible





Plug & Play – Completing the Concept
- Dual jumpering channels
- Plug-in jumper bars
- Plug-in test adapter

Wieland jumpering system – Perfect technology



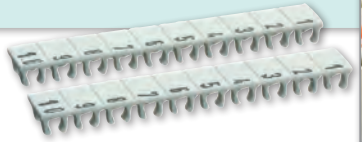
Perfect technology
- Copper current bar guarantees low contact resistance
- Steel spring guarantees strength, durability, and long-term stability

Extremely rugged!
- Indestructible steel spring
- Vibration-proof connection

Simple customization
- Individual poles easy to remove
- Circuits easy to identify

Wieland marking system – Reliable identification

Marking strips – Dependable
- Maximum hold to the terminal
- Solidify integrity of the assembly



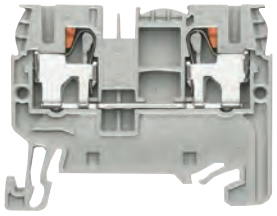
Endless strip – Effective
- Mounting facilty for endless strips permits single step marking of entire assembly
- Continuous labeling
- Uses commercially available labeling systems

Marking tags – Individual
- Individual labeling with minimum effort
- Ideal for service and maintenance

Feed-through blocks with push-in connection

WTP 2,5/4

- Feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WTP 2,5/4	56.203.0055.0	100
Feed-through block, blue	WTP 2,5/4 BLAU	56.203.0055.6	100

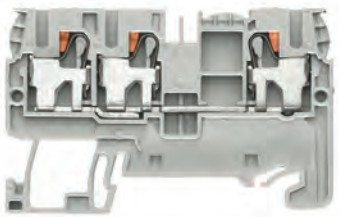
General data				
Width / length / height, incl. TS 7.5	5 mm / 47 mm / 38 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-1	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current	30 A	20 A	20 A	
Rated voltage	800 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5	07.312.6755.0	10
Partition, gray	TWFN 2,5	07.312.6855.0	10

* When cross connector IVB WKF 2,5-… is used, the rated voltage must be reduced to 630 V.

WTP 2,5/4 D1/2

- Duo feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WTP 2,5/4 D1/2	56.203.5055.0	100
Feed-through block, blue	WTP 2,5/4 D1/2 BLAU	56.203.5055.6	100

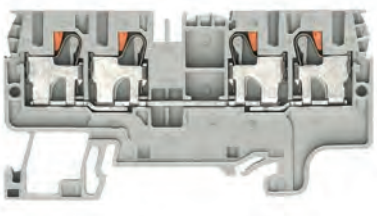
General data				
Width / length / height, incl. TS 7.5	5 mm / 60 mm / 38 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-1	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current	30 A	20 A	20 A	
Rated voltage	800 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D1/2	07.312.6955.0	10
Partition, gray	TWFN 2,5 D1/2	07.312.7055.0	10

* When cross connector IVB WKF 2,5-… is used, the rated voltage must be reduced to 630 V.

WTP 2,5/4 D2/2

- Duo feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Feed-through block, gray	WTP 2,5/4 D2/2	56.203.5155.0	100
Feed-through block, blue	WTP 2,5/4 D2/2 BLAU	56.203.5155.6	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 72 mm / 38 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-1	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current	30 A	20 A	20 A	
Rated voltage	800 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D2/2	07.312.7155.0	10
Partition, gray	TWFN 2,5 D2/2	07.312.7255.0	10

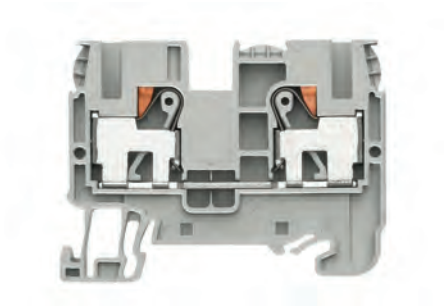
* When cross connector IVB WKF 2,5-… is used, the rated voltage must be reduced to 630 V.

More accessories page 124 ff.

Feed-through blocks with push-in connection

WTP 6/10

- Feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm²



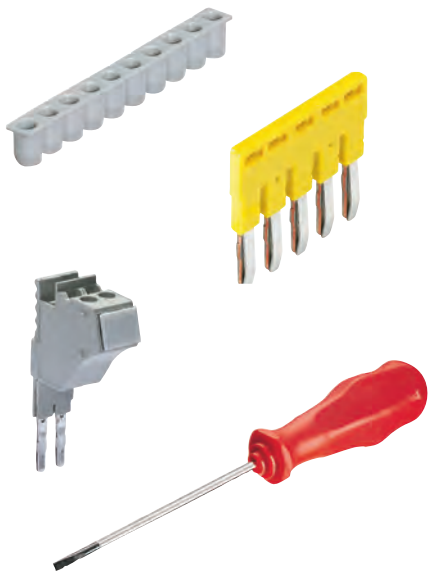
Description	Type	Part No.	Std. Pack
Feed-through block, gray	WTP 6/10	56.206.0055.0	100
Feed-through block, blue	WTP 6/10 BLAU	56.206.0055.6	100

General data				
Width / length / height, incl. TS 7.5	8 mm / 58 mm / 44 mm			
Wire strip length	15 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	Ex
	EN 60 947-7-1	pending	pending	pending
Cross section fine-stranded	0.,2–10 mm²			
Cross section solid/stranded	0.2–10 mm²			
Cross section, AWG		24–8	24–8	
Rated current	57 A	41 A	41 A	
Rated voltage	1000 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	AP WTP 6/10	07.313.4155.0	10
Partition, gray	TW WTP 6/10	07.313.4255.0	10

* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

Accessories for *fasis* WTP...



Accessories for WTP 2,5/4...		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

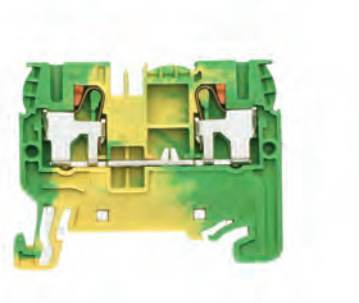
Accessories for WTP 6/10...		Type	Part No.	Std. Pack
Cross connector, insulated, I_N: 41 A	2 pole	IVB WKFN 6–2	Z7.282.5227.0	10
(57 A when using	3 pole	IVB WKFN 6–3	Z7.282.5327.0	10
two cross connectors)	4 pole	IVB WKFN 6–4	Z7.282.5427.0	10
	5 pole	IVB WKFN 6–5	Z7.282.5527.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,8x4	06.502.4100.0	5

Technical information see ***facts*** & DATA page 146 ff.

Ground blocks with push-in connection

WTP 2,5/4 PE

- Ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WTP 2,5/4 PE	56.203.9055.0	100

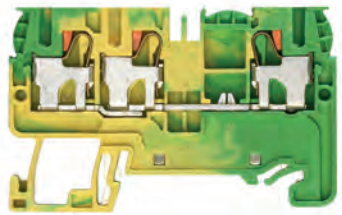
General data				
Width / length / height, incl. TS 7.5	5 mm / 47 mm / 38 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-2	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current				
Rated voltage	800 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5	07.312.6755.0	10
Partition, gray	TWFN 2,5	07.312.6855.0	10

* When cross connector IVB WKF 2,5-… is used, the rated voltage must be reduced to 630 V.

WTP 2,5/4 D1/2/PE

- Duo ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WTP 2,5/4 D1/2/PE	56.203.9355.0	100

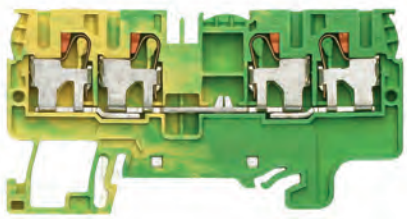
General data				
Width / length / height, incl. TS 7.5	5 mm / 60 mm / 38 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-2	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current				
Rated voltage	800 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D1/2	07.312.6955.0	10
Partition, gray	TWFN 2,5 D1/2	07.312.7055.0	10

* When cross connector IVB WKF 2,5-… is used, the rated voltage must be reduced to 630 V.

WTP 2,5/4 D2/2/PE

- Duo ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WTP 2,5/4 D2/2/PE	56.203.9155.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 72 mm / 38 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-2	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current				
Rated voltage	800 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 D2/2	07.312.7155.0	10
Partition, gray	TWFN 2,5 D2/2	07.312.7255.0	10

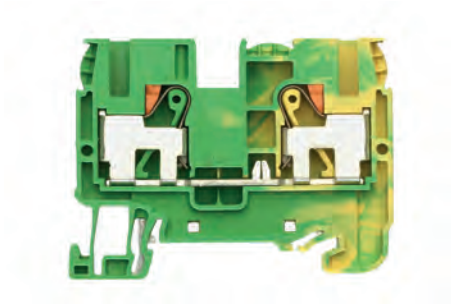
* When cross connector IVB WKF 2,5-… is used, the rated voltage must be reduced to 630 V.

More accessories page 124 ff.

Ground blocks with push-in connection

WTP 6/10 PE

- Ground block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm²



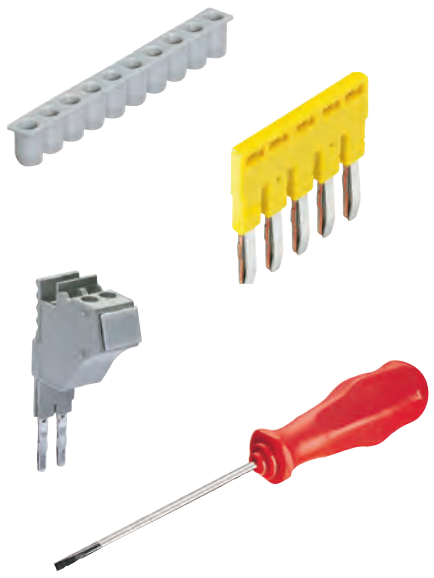
Description	Type	Part No.	Std. Pack
Ground block, green/yellow	WTP 6/10 PE	56.206.9055.0	100

General data				
Width / length / height, incl. TS 7.5	8 mm / 58 mm / 44 mm			
Wire strip length	15 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	Ex
	EN 60 947-7-2	pending	pending	pending
Cross section fine-stranded	0.2–10 mm²			
Cross section solid/stranded	0.2–10 mm²			
Cross section, AWG		24–8	24–8	
Rated current				
Rated voltage	1000 V*	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	AP WTP 6/10	07.313.4155.0	10
Partition, gray	TW WTP 6/10	07.313.4255.0	10

* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

Accessories for *fasis* WTP...



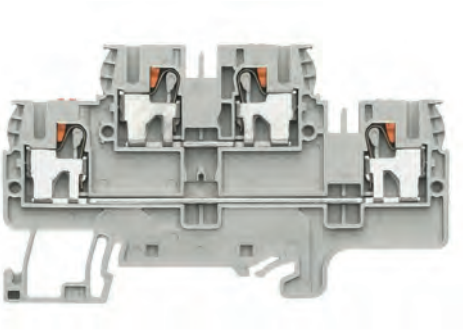
Accessories for WTP 2,5/4...		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Accessories for WTP 6/10...		Type	Part No.	Std. Pack
Cross connector, insulated, I_N: 41 A	2 pole	IVB WKFN 6–2	Z7.282.5227.0	10
(57 A when using	3 pole	IVB WKFN 6–3	Z7.282.5327.0	10
two cross connectors)	4 pole	IVB WKFN 6–4	Z7.282.5427.0	10
	5 pole	IVB WKFN 6–5	Z7.282.5527.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,8x4	06.502.4100.0	5

Multi-tier blocks with push-in connection

WTP 2,5/4 E

- Multi-tier block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



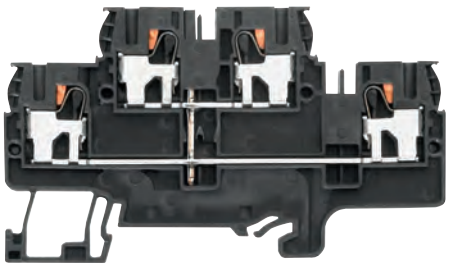
Description	Type	Part No.	Std. Pack
Multi-tier block, gray	WTP 2,5/4 E	56.203.7055.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-1	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current	24 A	20 A	20 A	
Rated voltage	500 V	300 V	300 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 E	07.312.7355.0	10
Partition, gray	TWFN 2,5 E	07.312.7455.0	10
Marking tag carrier, 2-fold	BT 5/2	04.243.0855.0	100

WTP 2,5/4 E VB

- Multi-tier block, vertically connected, with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



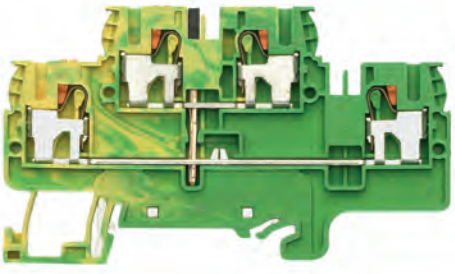
Description	Type	Part No.	Std. Pack
Multi-tier block, black	WTP 2,5/4 E VB	56.203.6955.1	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-2	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current	24 A	20 A	20 A	
Rated voltage	500 V	300 V	300 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 E	07.312.7355.0	10
Partition, gray	TWFN 2,5 E	07.312.7455.0	10
Marking tag carrier, 2-fold	BT 5/2	04.243.0855.0	100

WTP 2,5/4 E PE

- Multi-tier ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm²



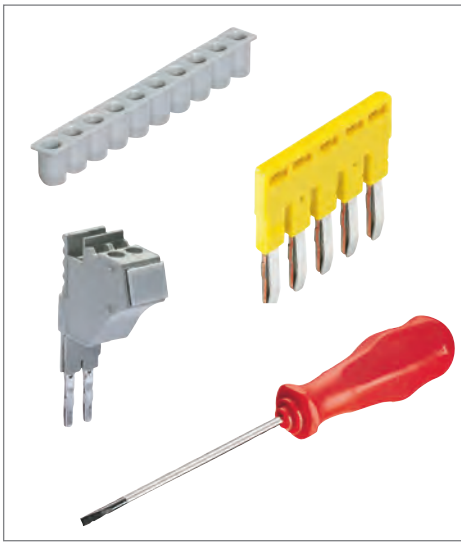
Description	Type	Part No.	Std. Pack
Multi-tier ground block, green/yellow	WTP 2,5/4 E PE	56.203.8955.0	100

General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals				
Technical data	**IEC**	**UL**	**CSA**	**Ex**
	EN 60 947-7-2	pending	pending	pending
Cross section fine-stranded	0.2–4 mm²			
Cross section solid/stranded	0.2–4 mm²			
Cross section, AWG		24–12	24–12	
Rated current				
Rated voltage	500 V	300 V	300 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack
End plate, gray	APFN 2,5 E	07.312.7355.0	10

More accessories page 124 ff.

Accessories for *fasis* WTP 2,5/4...



Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2 pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5–8	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5–9	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5–10	Z7.280.7027.0	20
	20 pole	IVB WKF 2,5–20	Z7.280.8027.0	20
Vertical cross connector, insulated		IVB WKF V	Z7.261.1127.0	20
Wire entry guide	0.13–0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm²	LELN 2,5/3 SCHWARZ	05.564.3955.0	100
Test adapter, modular		PS WKC/F	Z1.299.9753.0	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

Technical information see ***facts*** & DATA page 146 ff.

Accessories

Software

Service

Accessories and **Service**

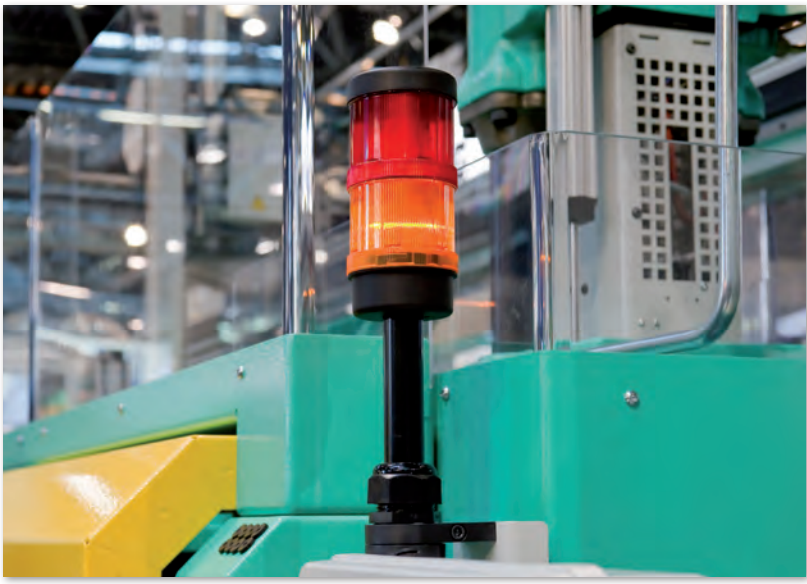
To complement our products, we offer a comprehensive portfolio of accessories and services for terminal blocks.

Wieland offers a variety of product-specific accessories for its terminal blocks, for example covers and isolating plates as well as assembly materials such as mounting rails or tools for working with our products.

Marking solutions such as ***wieplot*** and ***wiemarc*** for DIN rail terminal blocks and other components in the control cabinet, the planning software ***wieplan*** for design of rail assemblies, and our value-add service for rail assemblies, all make working with Wieland DIN rail terminal blocks effortless, and achieve a true added value.

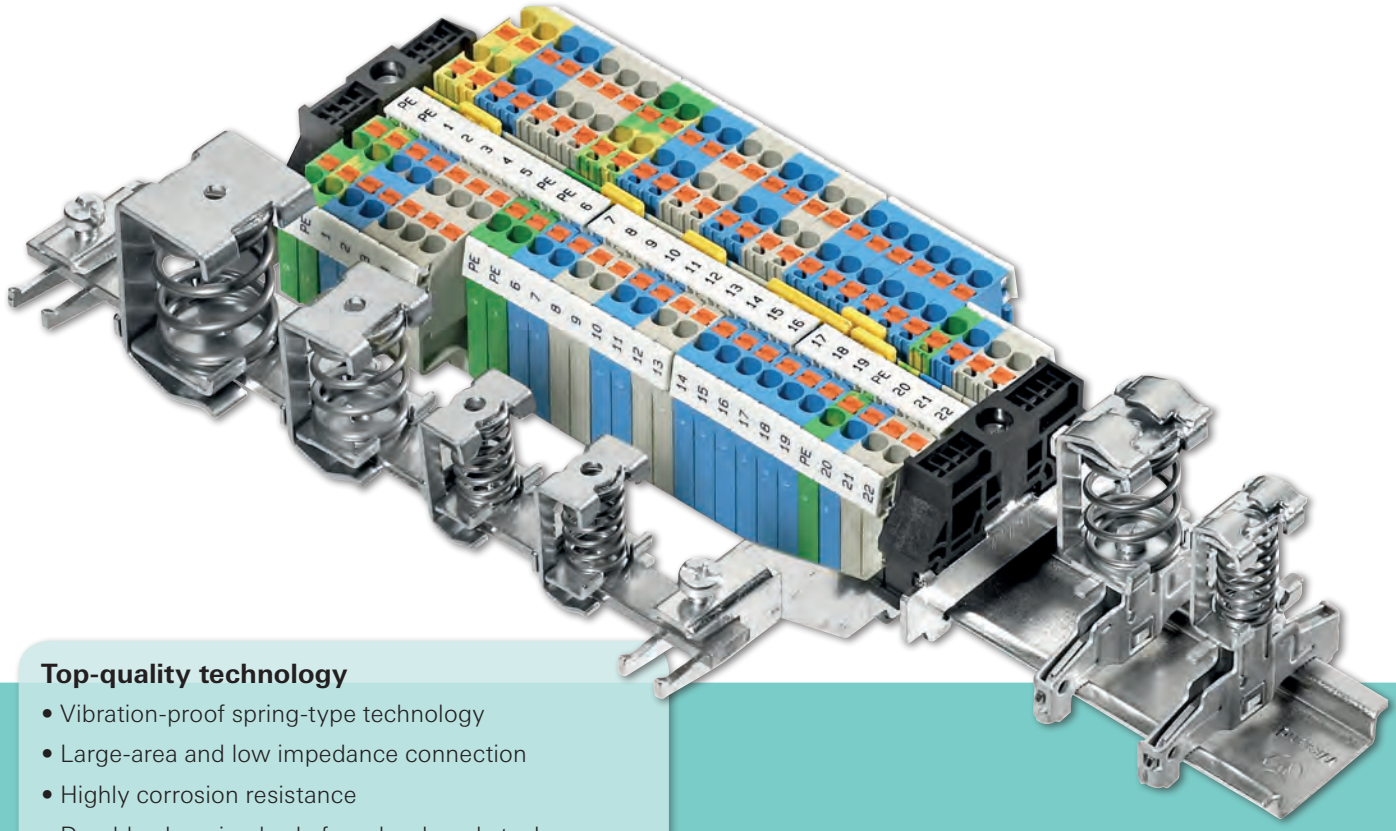
Shielded cable terminal blocks, type WST – for trouble-free operation

High interference immunity is an important topic in industrial and process technology. It is one of the key factors affecting the availability of plants. For our ***selos*** and ***fasis*** terminal block series, we offer WST, a system that enables the cable shield to be connected to the housing earth in a simple, practical manner.



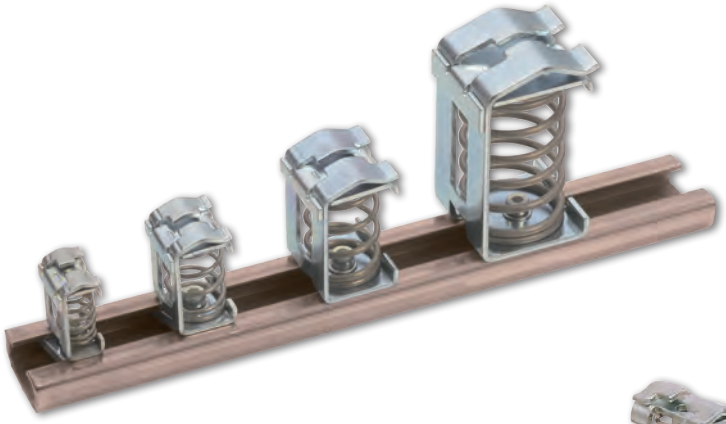
Features

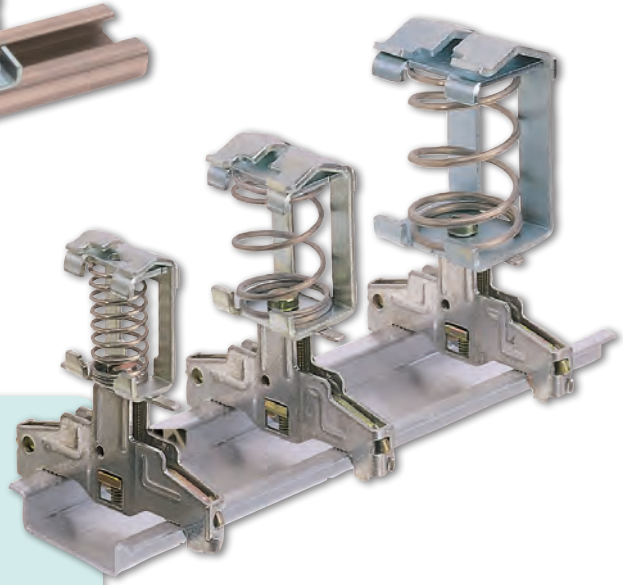
- Simple mounting - also if upgraded, service and maintenance
- Broad range – up to 32 mm cable diameter
- Top-quality, maintenance-free technology
- Various mounting options



Top-quality technology

- Vibration-proof spring-type technology
- Large-area and low impedance connection
- Highly corrosion resistance
- Durable clamping body from hardened steel





Various applications

- On busbar
- On rail TS 35
- On C-profile
- With screw for mounting plates

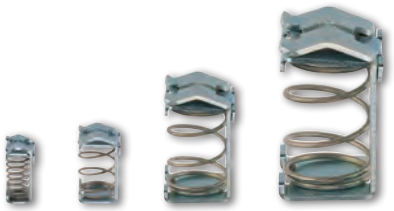
Various accessories

- Busbar support for TS 35
- Busbar support for insulated mounting
- Connection terminals

Shielded cable terminals

Shielded cable terminals *fasis* WST ...

• for mounting on busbar 10 x 3 mm

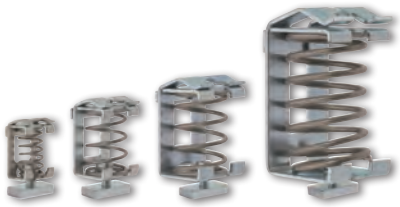


Description	Type	Part No.	Std. Pack
Shielded cable terminals *fasis*			
8 mm	WST 8	Z2.803.3010.0	10
13.5 mm	WST 13,5	Z2.803.3110.0	10
20 mm	WST 20	Z2.803.3210.0	10
32 mm	WST 32	Z2.803.3310.0	10

Technical data	WST 8	WST 13.5	WST 20	WST 32
Width / length / height [mm]	13 x 18 x 26	19 x 22 x 32	24 x 27 x 40	36 x 32 x 64
Connectible cable diameter	3 - 8 mm	4 - 13.5 mm	10 - 20 mm	15 - 32 mm

Shielded cable terminals *fasis* WST C

• for mounting on C-profile



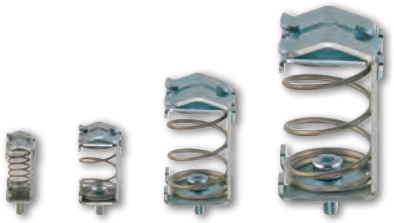
Description	Type	Part No.	Std. Pack
Shielded cable terminals *fasis*			
8 mm	WST 8 /C	Z2.803.4010.0	10
13.5 mm	WST 13,5 /C	Z2.803.4110.0	10
20 mm	WST 20 /C	Z2.803.4210.0	10
32 mm	WST 32 /C	Z2.803.4310.0	10

Technical data	WST 8 / C	WST 13.5 / C	WST 20 / C	WST 32 / C
Width / length / height [mm]	13 x 18 x 26	19 x 22 x 32	24 x 27 x 40	36 x 32 x 64
Connectible cable diameter	3 - 8 mm	4 - 13.5 mm	10 - 20 mm	15 - 32 mm
Mounting screw	M 4	M 4	M 4	M 4

Accessories				
Mounting rail, galvanized steel	L = 2 m		98.400.0000.0	1
Mounting feet	light gray		Z1.980.0040.0	10
Ground terminal for mounting rail		9700/10E/1	Z2.302.1321.0	10

Shielded cable terminals *fasis* WST D

• for mounting on mounting plate

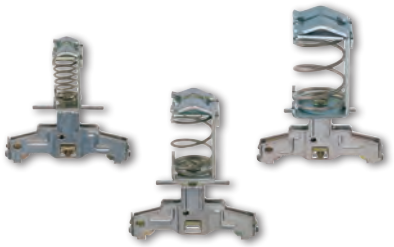


Description	Type	Part No.	Std. Pack
Shielded cable terminals *fasis*			
8 mm	WST 8 / D	Z2.803.5010.0	10
13.5 mm	WST 13,5 / D	Z2.803.5110.0	10
20 mm	WST 20 / D	Z2.803.5210.0	10
32 mm	WST 32 /D	Z2.803.5310.0	10

Technical data	WST 8 / D	WST 13.5 / D	WST 20 / D	WST 32 / D
Width / length / height [mm]	13 x 18 x 26	19 x 22 x 32	24 x 27 x 40	36 x 32 x 64
Connectible cable diameter	3 - 8 mm	4 - 13.5 mm	10 - 20 mm	15 - 32 mm
Mounting screw	M 4	M 4	M 4	M 4

Shielded cable terminals *fasis* WST .../T35

• for mounting on TS 35 mounting rail



Description	Type	Part No.	Std. Pack
Shielded cable terminals *fasis*			
8 mm	WST 8 / TS 35	Z2.803.6010.0	10
13.5 mm	WST 13,5 / TS 35	Z2.803.6110.0	10
20 mm	WST 20 / TS 35	Z2.803.6210.0	10

Technical data	WST 8	WST 13.5	WST 20
Width / length / height [mm]	13 x 52 x 54	19 x 52 x 60	24 x 52 x 68
Connectible cable diameter	3 - 8 mm	4 - 13.5 mm	10 - 20 mm

Busbar support & accessories

Busbar support

Description	Type	Part No.	Std. Pack
Busbar support			
Busbar support (one-side), tin-plated steel	WE SH 1/35	Z5.515.3310.0	20
Busbar support (two-sided), tin-plated steel	WE SH 2/35	Z5.515.3410.0	20
Busbar support (two-sided), tin-plated steel	WE SH 3/35	Z5.519.0310.0	25
Busbar support (one-side), tin-plated steel	WE SH 4/35	Z5.519.0410.0	25
Busbar support plastic, black	WST H 10x3	Z1.980.0253.0	20

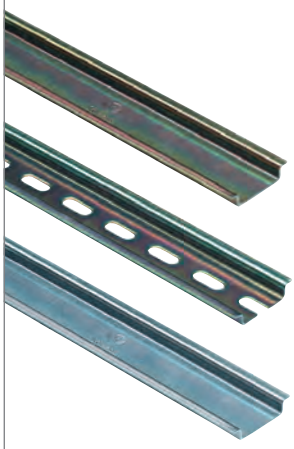
Accessories

Description	Type	Part No.	Std. Pack
Accessories			
Ground Terminal, bright	WAK 35/2	30.494.4121.0	50
Ground Terminal, black	WAK 35/2 SW	30.494.4021.1	50
Busbar, Cu tin-plated copper L = 1 m	9813M SN 10x3	98.290.1000.0	20

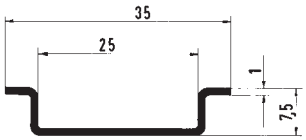
Mounting rails

Mounting rail 35 x 7,5 according to DIN EN 60715

• Length 2 m

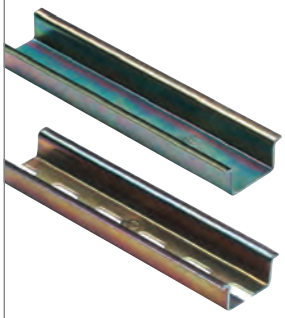


Description		Type	Part No.	Std. Pack
Steel, galv. zinc-plated and dichromated	unslotted	35 x 27 x 7,5 EN 60715 2000mm	98.300.0000.0	1
Steel, galv. zinc-plated and dichromated	slotted	35 x 27 x 7,5 EN 60715 2000mm	98.300.1000.0	1
Steel, unplated	unslotted	35 x 27 x 7,5 EN 60715 2000mm	98.300.0010.0	1

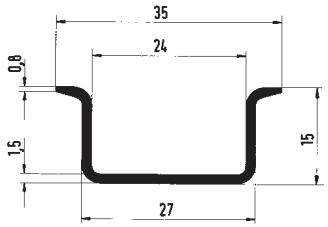


Mounting rail 35 x 15 according to DIN EN 60715

• Length 1 m/2 m

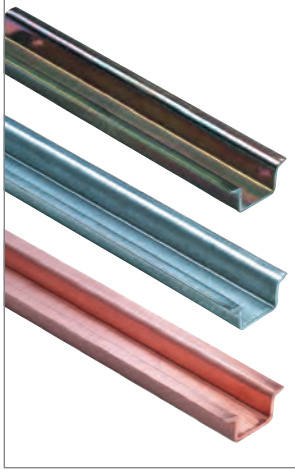


Description		Type	Part No.	Std. Pack
Steel, galv. zinc-plated and dichromated	unslotted	35 x 27 x 15 EN 60715 2000mm	98.370.0000.0	1
Steel, galv. zinc-plated and dichromated	slotted	35 x 27 x 15 EN 60715 2000mm	98.370.1000.0	1
Steel, galv. zinc-plated and dichromated	slotted	35 x 27 x 15 EN 60715 1000mm	98.375.1000.0	10
Steel, V2A	slotted	35 x 27 x 15 EN 60715 2000mm	98.370.1001.0	1

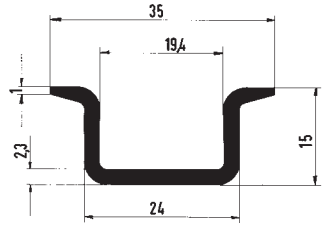


Mounting rail 35 x 15 according to DIN EN 60715

• Length 2 m

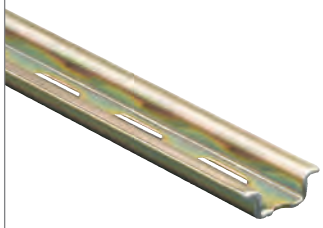


Description		Type	Part No.	Std. Pack
Steel, galv. zinc-plated and dichromated	unslotted	35 x 24 x 15 EN 60715 2000mm	98.360.0000.0	1
Steel, hot-galvanized	unslotted	35 x 24 x 15 EN 60715 ZN 2000mm	98.360.0004.0	1
E-copper	unslotted	35 x 24 x 15 EN 60715 CU 2000mm	98.380.0000.0	10

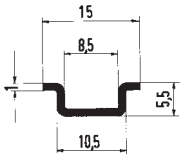


Mounting rail 15 x 5,5 according to DIN EN 60715

• Length 1 m/2 m

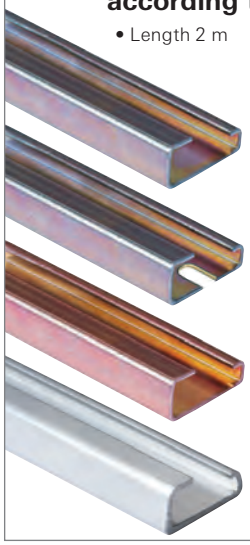


Description		Type	Part No.	Std. Pack
Steel, galv. zinc-plated and dichromated	unslotted	9021 / 15 x 5,5 EN 60715 2000mm	98.090.0015.0	10
Steel, galv. zinc-plated and dichromated	slotted	9021 / 15 x 5,5 EN 60715 1000mm	98.090.0000.0	1

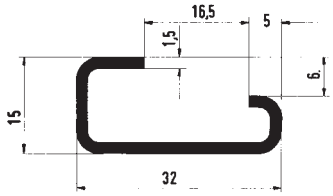


Mounting rail 15 x 5,5 according to DIN EN 60715

• Length 2 m

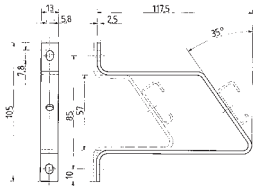


Description		Type	Part No.	Std. Pack
Steel, galv. zinc-plated and dichromated	unslotted	9006 EN 60715 G-32 2000mm	98.190.0000.0	1
Steel, galv. zinc-plated and dichromated	slotted	9006 EN 60715 G-32 2000mm	98.190.1000.0	1
E-copper	unslotted	9006 E-CU 2000mm	98.220.0000.0	10
Aluminium	unslotted	9006 AL 2000mm	98.210.0000.0	1

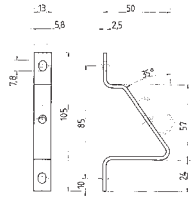


Accessories

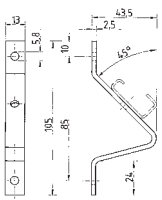
9018 D



9018 H



9018 N



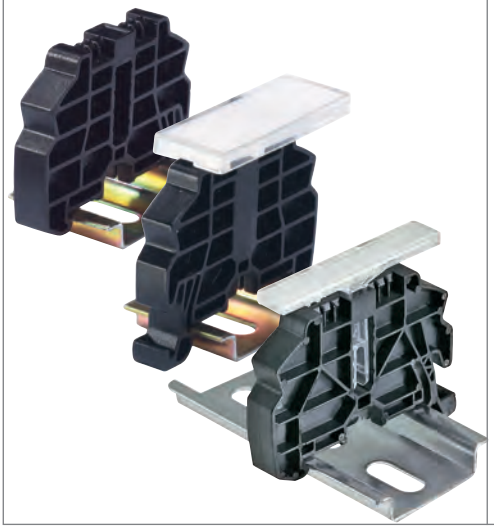
Accessories	Type	Part No.	Std. Pack
Angled support bracket with mounting material	9018 D	Z5.516.2511.0	50
Angled support bracket with mounting material	9018 H	Z5.516.2711.0	50
Angled support bracket with mounting material	9018 N	Z5.516.2811.0	50

End clamps

End clamp for TS 35 snap-on mounting

Description		Type	Part No.	Std. Pack
End clamp TS 35	5 mm wide	WEF 2 /35	Z5.523.9453.0	100

End clamp for TS 35 snap-on mounting



Description		Type	Part No.	Std. Pack
End clamp TS 35	8 mm wide	WEF 1 /35	Z5.523.9353.0	100
End clamp TS 35 with marking facilities	17,5 mm wide	WEF 1 BS /35	69.920.1053.0	100
End clamp TS 35 with marking facilities	8 mm wide	WEF 1 BSS /35	69.920.1253.0	100

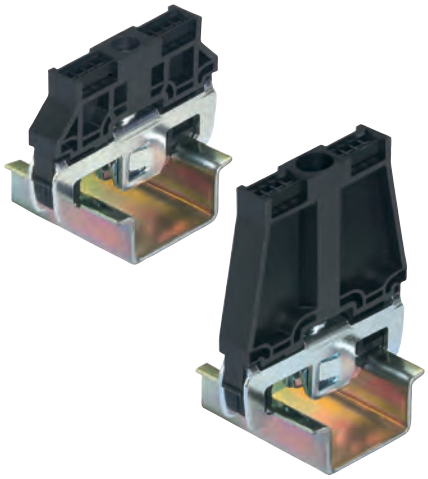
Accessories		Type	Part No.	Std. Pack
Marking tag for WEF 1 / 35	wide	BS/R	Z4.243.8453.0	100
Marking cardboard in perforated sheets	100 tags/sh.		04.019.0289.0	10
Marking tag for WEF 1 / 35	small		04.243.8550.0	10
Marking cardboard in perforated sheets	small		04.019.1189.0	10

End clamp for TS 35 screw mounting

Description		Type	Part No.	Std. Pack
End clamp TS 35	8 mm wide	9708/2 S 35	Z5.522.8553.0	100
End clamp TS 35	17,5 mm wide	9708/2 BS 35	69.920.0553.0	100

Accessories		Type	Part No.	Std. Pack
Marking cardboard in perforated sheets	100 tags/sh.		04.019.0289.0	10

End clamp with with U-foot screw mounting



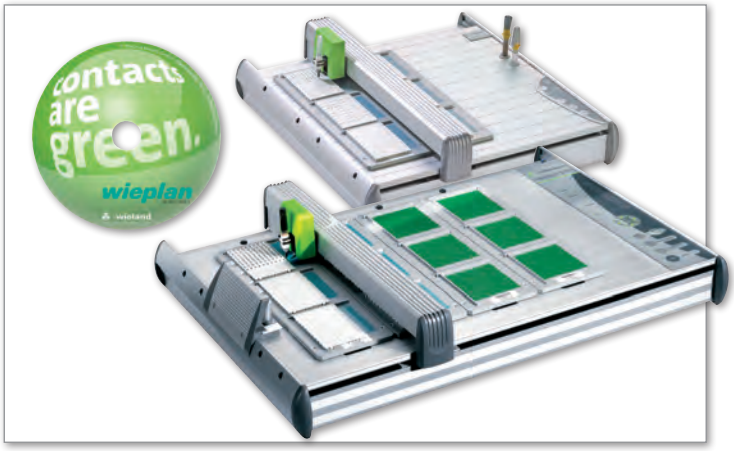
Description		Type	Part No.	Std. Pack
End clamp with U-foot	10 mm wide	WE 1 /U	Z5.523.5753.0	100
End clamp with U-foot with marking facilities	17,5 mm wide	WE 1 BS /U	69.920.0753.0	100
End clamp with U-foot	10 mm wide	WE 2 /U	Z5.523.5653.0	100
End clamp with U-foot with marking facilities	17,5 mm wide	WE 2 BS /U	69.920.0653.0	100

Accessories		Type	Part No.	Std. Pack
Marking cardboard in perforated sheets	100 tags/sh.		04.019.0289.0	10

End clamp for TS 15 screw mounting

Description		Type	Part No.	Std. Pack
End clamp, plastic	7,5 mm wide	9208 S 15	Z5.522.7553.0	100
End clamp, steel	5 mm wide	9222 S 15	Z5.522.5010.0	100

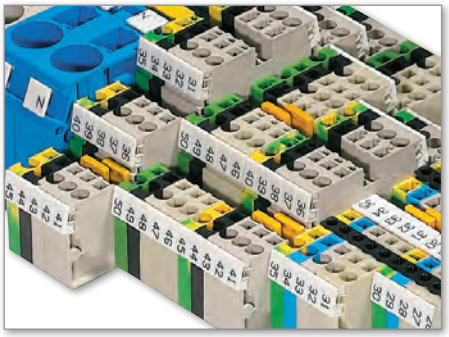
Configuration and marking systems



Individual marking of DIN rail terminal blocks means ***wiemarc*** and ***wieplot*** at Wieland Electric. The ***wiemarc*** software was developed to provide you with maximum flexibility in marking your terminal block assemblies. Together with the ***wieplot*** plotter you have a powerful marking system that enables you to work professionally from the individual marking tag to series marking of your terminal block assemblies. You feel confident with the system due to its easy handling and visual representation of your marking, even when you use it for the first time.

But ***wieplot*** offers even more!

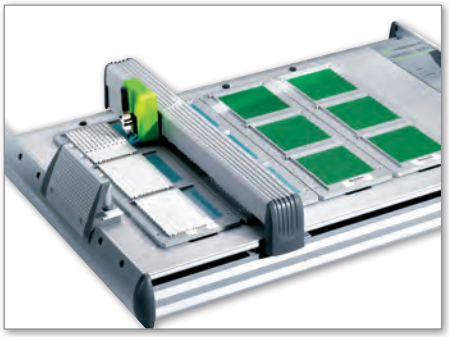
In addition to the marking tags for DIN rail terminal blocks you can also print self-adhesive tags and labels or cable markings. A slight modification can even make your plotter a powerful engraving system.



selos – fasis

Marking with a system

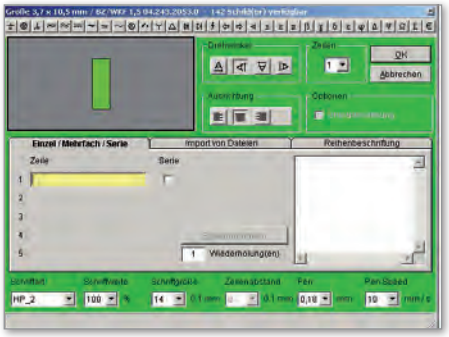
- Individual marking of all terminal blocks for clear wire/termination point assignment
- One single marking system for all designs
- Marking of individual tags; marking strips that correspond to the exact widths of the terminal blocks; or group markings
- Individual planning of terminal block assemblies and markings with ***wieplan***



wieplot

Ready for universal use

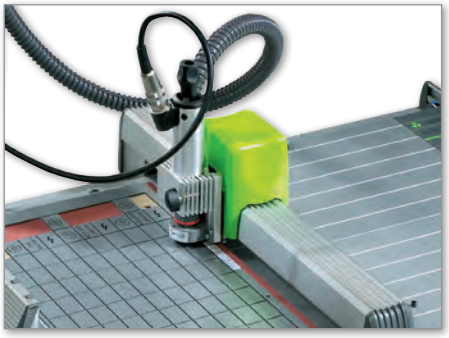
- Marks all common marking systems available for DIN rail terminal blocks
- Different marking tags can be marked individually in one single work step
- Marking of labels, self-adhesive tags and cables is possible



wiemarc

Easy and quick

- Simple and intuitive user interface
- Direct graphical display of the marking tags including plausibility check
- Customized layouts can be created individually
- Data import from CAD, Excel, text or ***wieplan*** files



wieplot engraving system

Durable and safe –*wieplot* engraving system

- Easy modification to ***wieplot*** to make it an engraving system
- Engraving of multi-layer plastic boards
- Clean and dust-proof operation due to integrated vacuum device
- Create individual layouts using ***wiemarc***

Plotter system *wieplot*

Description	Type	Part No.	Std. Pack
Complete package	wieplot BASIC	95.502.0607.0	1
Complete package	wieplot 500	95.502.0604.0	1

Contents: Plotter ***wieplot***, data cable and manual, 4 receptacles (***wieplot*** 500) / 2 receptacles (***wieplot*** BASIC) for WSB (Wieland standard marking system), accessories kit, ***wiemarc*** software

Description:
With ***wiemarc*** you can create customized marking data on your PC. These can then be output on the ***wieplot*** plotter system to various marking plates.

Technical data	
Resolution	0.01 mm
Accuracy	+/– 0.05 mm
Power supply unit	50/60 Hz, 100 - 240 V
Output voltage	24 V DC 1.4 A
Current input	app. 0.3 A at 220 V
Approval	UL-UL1950, CSA 950, VDE EN 60950
Radio interf. suppr.	FCC class B, FCC sect. 15 and VDE class B
Dimension / Weight – ***wieplot*** BASIC	440 mm x 440 mm x 125 mm / 6 kg
Dimension / Weight – ***wieplot*** 500	660 mm x 440 mm x 125 mm / 8 kg
Interfaces	USB Level 1.1, parallel

Accessories for *wieplot*

Plotter pens for *wieplot*	Part No.
Plotter pen 0.18 mm	95.502.0118.0
Plotter pen 0.25 mm	95.502.0125.0
Plotter pen 0.35 mm	95.502.0135.0
Plotter pen 0.50 mm	95.502.0150.0
Plotter pen 0.70 mm	95.502.0170.0
Plotter pen 1.00 mm	95.502.0100.0
Dispos plotter pen 0.25 mm	95.502.0125.1
Dispos plotter pen 0.35 mm	95.502.0135.1
Dispos plotter pen-D ED 0.25 mm	95.502.0225.1
Dispos plotter pen-D ED 0.35 mm	95.502.0235.1

Type	Part No.
Ink cartridge P2.0, 5 x 1 ml	95.502.0199.0
Cleaning set	95.502.0198.0
Pen cleaner	95.502.0197.0
Dust protection hood	95.502.0612.0
Service kit – pen station	95.502.0613.0
Seal inserts kit	

Receptacles for marking plates	
Type	Part No.
Receptacle for WSB	95.502.0620.0
Receptacle for BZ/WKF 15,	95.502.0627.0
Receptacle for BZ/WKF 1,5/10	95.502.0628.0

Engraving unit for *wieplot* 500

Description	Type	Part No.	Std. Pack
Engraving unit	wieplot 500 E-UNIT	95.502.0700.0	1

Contents: Engraving spindle, engraving head (with fuse and counter bearing), control unit ***wieplot*** VEC 500, vacuum cleaner ***wieplot*** VC 500, connection cables

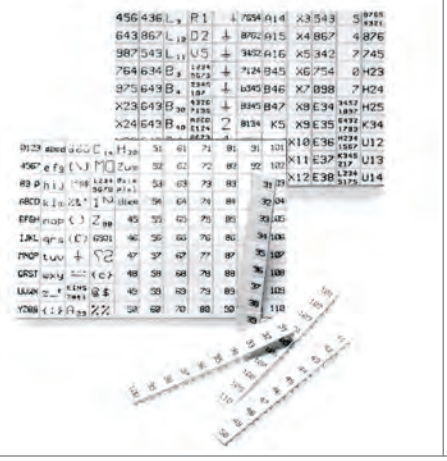
Description:
The ***wieplot*** 500 E-UNIT engraving unit has been designed for use with the ***wieplot*** 500 plotter. The system is set up for engraving multi-layer plastic tags. The Plotboard A4 in a 297 x 202 mm format is the receptacle for marking paper sheets and labels and also enables engraving of plastic boards.

Accessories	Type	Part No.	Std. Pack
Graver SET, complete	SET	95.502.0710.0	1
Graver	0.2 mm	95.502.0710.2	1
Graver	0.3 mm	95.502.0710.3	1
Graver	0.4 mm	95.502.0710.4	1
Graver	0.5 mm	95.502.0710.5	1
Graver	0.7 mm	95.502.0710.7	1
Graver	1.0 mm	95.502.0711.0	1
Receptacle	Plottboard A4	95.502.0625.0	1

Marking accessories

Marking plates

• For ***wieplot*** BASIC / ***wieplot*** 500 plotter system



Description		Type	Part No.	Std. Pack
Unmarked				
Width **4** x 5 mm	100 tags per plate	9075 4/10/10	Z4.243.2053.0	10
Width **5** x 8.3 mm	110 tags per plate	9075 A/5/10/11	Z4.242.5053.0	10
Width **5** x 14 mm	60 tags per plate	9705 AL/5/10/6	Z4.242.5153.0	10
Width **6** x 8.3 mm	110 tags per plate	9075 A/6/10/11	Z4.242.6053.0	10
Width **6** x 14 mm	60 tags per plate	9705 AL/6/10/6	Z4.242.6353.0	10
Width **8** x 8.3 mm	70 tags per plate	9075 A/8/10/7	Z4.242.8053.0	10

Single marking tag All blocks/ 5 mm wide and larger

*) Custom marking upon request

Description	Type	Part No.	Std. Pack
Unmarked			
Width 5 x **8.3** mm	9705 A	04.242.0850.0	500
Width 5 x **14** mm	9705 AL	04.242.1553.0	500
Marked			
Width 5 x **8.3** mm	9705 AB *)	04.842.0850.0	500
Width 5 x **14** mm	9705 ALB *)	04.842.1553.0	500

Marking strips 1.5 mm²/4 mm wide

*) Custom marking upon request

Description	Type	Part No.	Std. Pack
Marking strips for center block marking			
Unmarked	9705 A 4/10	04.243.2053.0	100
Marked	9705 A 4/10 B *)	04.843.2053.0	25
Marking strips for outer block marking			
Marked	9705 A 4/10/10	Z4.243.2053.0	10

Marking strips 2.5 mm²/5 mm wide

*) Custom marking upon request

Description		Type	Part No.	Std. Pack
Unmarked		9705 A/5/10	04.242.5053.0	25
Marked	1 – 9	9705A/5/9 B 1 - 9	04.842.4953.0	25
	*)	9705A/5/10 B	04.842.5053.0	25
	1 – 10	9705A/5/10 B 1 - 10	04.845.0153.0	25
	11 – 20	9705A/5/10 B 11 - 20	04.845.0253.0	25
	21 – 30	9705A/5/10 B 21 - 30	04.845.0353.0	25
	31 – 40	9705A/5/10 B 31 - 40	04.845.0453.0	25
	41 – 50	9705A/5/10 B 41 - 50	04.845.0553.0	25
	51 – 60	9705A/5/10 B 51 - 60	04.845.0653.0	25
	61 – 70	9705A/5/10 B 61 - 70	04.845.0753.0	25
	71 – 80	9705A/5/10 B 71 - 80	04.845.0853.0	25
	81 – 90	9705A/5/10 B 81 - 90	04.845.0953.0	25
	91 – 100	9705A/5/10 B 91 - 100	04.845.1053.0	25
	⏚ (10x)	9705A/5/10B SLZ	04.855.0053.0	25
	⏚ (10x)	9705A/5/10B ERDZ	04.855.0153.0	25
	+ (10x)	9705A/5/10 B +	04.855.0253.0	25
	– (10x)	9705A/5/10 B -	04.855.0353.0	25
	L1 (10x)	9705A/5/10B L1	04.855.0453.0	25
	L2 (10x)	9705A/5/10B L2	04.855.0553.0	25
	L3 (10x)	9705A/5/10B L3	04.855.0653.0	25
	PE (10x)	9705A/5/10B PE	04.855.0753.0	25
	SL (10x)	9705A/5/10B SL	04.855.3153.0	25
	N (10x)	9705A/5/10B N	04.855.3253.0	25
	F1 (10x)	9705A/5/10B F1	04.855.0953.0	25
	F2 (10x)	9705A/5/10B F2	04.855.1053.0	25
	L1,L2,L3,N,PE (10x)	9705A/5/10B L1L2L3NPE..	04.855.0853.0	25
With enlarged marking area		9705 AL/5/10	04.242.5153.0	25

Marking strips 4 mm²/6 mm wide

*) Custom marking upon request

Description		Type	Part No.	Std. Pack
Unmarked		9705 A/6/10	04.242.6053.0	25
Marked	1 – 9	9705A/6/9 B 1 - 9	04.842.5953.0	25
	*)	9705A/6/10 B	04.842.6053.0	25
	1 – 10	9705A/6/10 B 1 - 10	04.846.0153.0	25
	11 – 20	9705A/6/10 B 11 - 20	04.846.0253.0	25
	21 – 30	9705A/6/10 B 21 - 30	04.846.0353.0	25
	31 – 40	9705A/6/10 B 31 - 40	04.846.0453.0	25
	41 – 50	9705A/6/10 B 41 - 50	04.846.0553.0	25
	51 – 60	9705A/6/10 B 51 - 60	04.846.0653.0	25
	61 – 70	9705A/6/10 B 61 - 70	04.846.0753.0	25
	71 – 80	9705A/6/10 B 71 - 80	04.846.0853.0	25
	81 – 90	9705A/6/10 B 81 - 90	04.846.0953.0	25
	91 – 100	9705A/6/10 B 91 - 100	04.846.1053.0	25
	⏚ (10x)	9705A/6/10 B SLZ	04.856.0053.0	25
	≒ (10x)	9705A/6/10 B ERDZ	04.856.0153.0	25
	+ (10x)	9705A/6/10 B +	04.856.0253.0	25
	– (10x)	9705A/6/10 B -	04.856.0353.0	25
	L1 (10x)	9705A/6/10 B L1	04.856.0453.0	25
	L2 (10x)	9705A/6/10 B L2	04.856.0553.0	25
	L3 (10x)	9705A/6/10 B L3	04.856.0653.0	25
	PE (10x)	9705A/6/10 B PE	04.856.0753.0	25
	SL (10x)	9705A/6/10 B SL	04.856.3153.0	25
	N (10x)	9705A/6/10 B N	04.856.3253.0	25
	F1 (10x)	9705A/6/10 B F1	04.856.0953.0	25
	F2 (10x)	9705A/6/10 B F2	04.856.1053.0	25
	L1,L2,L3,N,PE (10x)	9705A/6/10 B L1L2L3NPE..	04.856.0853.0	25
With enlarged marking area		9705 AL/6/10	04.242.6353.0	25

Marking strips 6 mm²/8 mm wide

*) Custom marking upon request

Description		Type	Part No.	Std. Pack
Unmarked		9705 A/8/10	04.242.8053.0	25
Marked	1 – 9	9705A/8/9 B 1 - 9	04.842.7953.0	25
	*)	9705A/8/10 B	04.842.8053.0	25
	1 – 10	9705A/8/10 B 1 - 10	04.848.0153.0	25
	11 – 20	9705A/8/10 B 11 - 20	04.848.0253.0	25
	21 – 30	9705A/8/10 B 21 - 30	04.848.0353.0	25
	31 – 40	9705A/8/10 B 31 - 40	04.848.0453.0	25
	41 – 50	9705A/8/10 B 41 - 50	04.848.0553.0	25
	51 – 60	9705A/8/10 B 51 - 60	04.848.0653.0	25
	61 – 70	9705A/8/10 B 61 - 70	04.848.0753.0	25
	71 – 80	9705A/8/10 B 71 - 80	04.848.0853.0	25
	81 – 90	9705A/8/10 B 81 - 90	04.848.0953.0	25
	91 – 100	9705A/8/10 B 91 - 100	04.848.1053.0	25
	⏚ (10x)	9705A/8/10 B SLZ	04.858.0053.0	25
	≒ (10x)	9705A/8/10 B ERDZ	04.858.0153.0	25
	+ (10x)	9705A/8/10 B +	04.858.0253.0	25
	– (10x)	9705A/8/10 B -	04.858.0353.0	25
	L1 (10x)	9705A/8/10 B L1	04.858.0453.0	25
	L2 (10x)	9705A/8/10 B L2	04.858.0553.0	25
	L3 (10x)	9705A/8/10 B L3	04.858.0653.0	25
	PE (10x)	9705A/8/10 B PE	04.858.0753.0	25
	SL (10x)	9705A/8/10 B SL	04.858.3153.0	25
	N (10x)	9705A/8/10 B N	04.858.3253.0	25
	F1 (10x)	9705A/8/10 B F1	04.858.0953.0	25
	F2 (10x)	9705A/8/10 B F2	04.858.1053.0	25
	L1,L2,L3,N,PE (10x)	9705A/8/10 B L1L2L3NPE..	04.858.0853.0	25

Marking strips 10 mm²/10 mm wide 16 mm²/12 mm wide 35 mm²/16 mm wide 70 mm²/24 mm wide

Description	Type	Part No.	Std. Pack
10 mm²/10 mm wide for 5 blocks	9705 A/5/10/5 B	04.842.5553.0	25
16 mm²/12 mm wide for 5 blocks	9705 A/6/10/5 B	04.842.6553.0	25
35 mm²/16 mm wide for 5 blocks	9705 A/8/10/5 B	04.842.8553.0	25
70 mm²/24 mm wide for 4 blocks	9705 A/8/10/5 B	04.842.8553.0	25

Specify required marking with part no.

Marking accessories

Tear-off marking strips marked with numbers

- With 10 marking tags
- For single symbol marking

Description	Type	Part No.	Std. Pack
Unmarked	9704 A	04.241.1150.0	25
Marked with the same number			
1	9704 A/1 B	04.841.1150.0	25
2	9704 A/2 B	04.841.1250.0	25
3	9704 A/3 B	04.841.1350.0	25
4	9704 A/4 B	04.841.1450.0	25
5	9704 A/5 B	04.841.1550.0	25
6	9704 A/6 B	04.841.1650.0	25
7	9704 A/7 B	04.841.1750.0	25
8	9704 A/8 B	04.841.1850.0	25
9	9704 A/9 B	04.841.1950.0	25
0	9704 A/0 B	04.841.2050.0	25
Marked with consecutive numbers			
1-0	9704 A/1-0 B	04.841.2150.0	25
Marked with the same symbols			
+	9704 A/+	04.841.7450.0	25
–	9704 A/-	04.841.7550.0	25
/	9704 A//	04.841.7650.0	25
.	9704 A/.	04.841.7750.0	25
Set, marked with same numbers (= 10 x 25 strips = 2.500 numbers)			
111 up to 000		04.841.9050.0	1

Tear-off marking strips marked with upper case letters

- With 10 marking tags
- For single symbol marking

Description	Type	Part No.	Std. Pack
Marked with the same upper case letters			
A	9704 A /AG B	04.841.2250.0	25
B	9704 A /BG B	04.841.2350.0	25
C	9704 A /CG B	04.841.2450.0	25
D	9704 A /DG B	04.841.2550.0	25
E	9704 A /EG B	04.841.2650.0	25
F	9704 A /FG B	04.841.2750.0	25
G	9704 A /GG B	04.841.2850.0	25
H	9704 A /HG B	04.841.2950.0	25
I	9704 A /IG B	04.841.3050.0	25
J	9704 A /JG B	04.841.3150.0	25
K	9704 A /KG B	04.841.3250.0	25
L	9704 A /LG B	04.841.3350.0	25
M	9704 A /MG B	04.841.3450.0	25
N	9704 A /NG B	04.841.3550.0	25
O	9704 A /OG B	04.841.3650.0	25
P	9704 A /PG B	04.841.3750.0	25
Q	9704 A /QG B	04.841.3850.0	25
R	9704 A /RG B	04.841.3950.0	25
S	9704 A /SG B	04.841.4050.0	25
T	9704 A /TG B	04.841.4150.0	25
U	9704 A /UG B	04.841.4250.0	25
V	9704 A /VG B	04.841.4350.0	25
W	9704 A /WG B	04.841.4450.0	25
X	9704 A /XG B	04.841.4550.0	25
Y	9704 A /YG B	04.841.4650.0	25
Z	9704 A /ZG B	04.841.4750.0	25
Set, marked with same upper case letters (= 26 x 25 strips = 6.500 numbers)			
A up to Z GB		04.841.9150.0	1

Tear-off marking strips marked with lower case letters

- With 10 marking tags
- For single symbol marking

Description	Type	Part No.	Std. Pack
Marked with the same lower case letters			
a	9704 A /AK B	04.841.4850.0	25
b	9704 A /BK B	04.841.4950.0	25
c	9704 A /CK B	04.841.5050.0	25
d	9704 A /DK B	04.841.5150.0	25
e	9704 A /EK B	04.841.5250.0	25
f	9704 A /FK B	04.841.5350.0	25
g	9704 A /GK B	04.841.5450.0	25
h	9704 A /HK B	04.841.5550.0	25
i	9704 A /IK B	04.841.5650.0	25
j	9704 A /JK B	04.841.5750.0	25
k	9704 A /KK B	04.841.5850.0	25
l	9704 A /JK B	04.841.5950.0	25
m	9704 A /MK B	04.841.6050.0	25
n	9704 A /NK B	04.841.6150.0	25
o	9704 A /OK B	04.841.6250.0	25
p	9704 A /PK B	04.841.6350.0	25
q	9704 A /QK B	04.841.6450.0	25
r	9704 A /RK B	04.841.6550.0	25
s	9704 A /SK B	04.841.6650.0	25
t	9704 A /TK B	04.841.6750.0	25
u	9704 A /UK B	04.841.6850.0	25
v	9704 A /VK B	04.841.6950.0	25
w	9704 A /WK B	04.841.7050.0	25
x	9704 A /XK B	04.841.7150.0	25
y	9704 A /YK B	04.841.7250.0	25
z	9704 A /ZK B	04.841.7350.0	25
Set, Marked with the same lower case letters (= 26 x 25 strips = 6.500 numbers)			
a up to z KB		04.841.9250.0	1

Assortment box

• For marking material

Description		Type	Part No.	Std. Pack
Assortment box for 5 mm width		S0 1/5	04.900.2053.0	1
Assortment for 5 mm width	1-100	9705 A/5/10 B	04.855.1153.0	1
	101-200	9705 A/5/10 B	04.855.1253.0	1
Assortment box for 6 mm width		S0 1/6	04.900.3053.0	1
Assortment for 6 mm width	1-100	9705 A/6/10 B	04.856.1153.0	1
	101-200	9705 A/6/10 B	04.856.1253.0	1
Assortment box for 8 mm width		S0 1/8	04.900.4053.0	1
Assortment for 8 mm width	1-100	9705 A/8/10 B	04.858.1153.0	1
	101-200	9705 A/8/10 B	04.858.1253.0	1
Assortment box for tear-off marking tags				
with 50 digits each		S0 1/0	04.900.1053.0	1
Assortment box, empty		S0 1	04.900.0000.0	1

Marking tag carrier

• For all blocks

Description	Type	Part No.	Std. Pack
Marking tag carrier, 4 digits	9705 A/4	04.242.0950.0	200
Marking tag carrier, 6 digits	9705 A/6	04.242.1250.0	200
Marking tag carrier, 45° angle	9705 A/4 W	04.242.2853.0	200

Partition

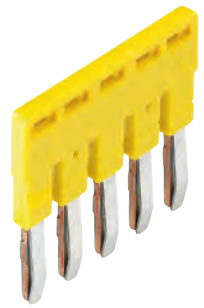
• With marking facilities

Description		Type	Part No.	Std. Pack
Partition with carrier for marking tags				
for TS 32 and TS 35			Z7.311.1755.0	10
for TS 15			Z7.311.2755.0	10
Partition with carrier for marking cards				
for TS 32 and TS 35			Z7.311.7055.0	10
Accessories				
Marking card in perforated sheets	100 tags/sheets		04.019.0289.0	10

Cross connectors and jumper bars

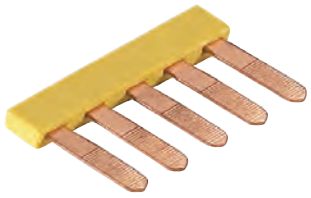
Cross connectors

- Cross connector poles can be individually removed.
- When cross connectors with removed poles are used, the rated voltage is reduced to 400 V.
- You can cut a 10-wire connector plug in half to form two 5-wire connector plugs, but an end cover plate or isolating plate must then be inserted.



Description	Type	Part No.	Std. Pack
1.5 mm², 4 mm wide	IVB WKF 1,5-2	Z7.268.0227.0	10
	IVB WKF 1,5-3	Z7.268.0327.0	10
	IVB WKF 1,5-4	Z7.268.0427.0	10
	IVB WKF 1,5-5	Z7.268.0527.0	10
	IVB WKF 1,5-10	Z7.268.1027.0	10
	IVB WKF 1,5-20	Z7.268.2027.0	10
2.5 mm², 5 mm wide	IVB WKF 2,5-2	Z7.280.6227.0	10
	IVB WKF 2,5-3	Z7.280.6327.0	10
	IVB WKF 2,5-4	Z7.280.6427.0	10
	IVB WKF 2,5-5	Z7.280.6527.0	10
	IVB WKF 2,5-6	Z7.280.6627.0	10
	IVB WKF 2,5-7	Z7.280.6727.0	20
	IVB WKF 2,5-8	Z7.280.6827.0	20
	IVB WKF 2,5-9	Z7.280.6927.0	20
	IVB WKF 2,5-10	Z7.280.7027.0	20
	IVB WKF 2,5-20	Z7.280.8027.0	20
	IVB WKF-V	Z7.261.1127.0	10
4 mm², 6 mm wide	IVB WKF 4-2	Z7.261.1227.0	10
	IVB WKF 4-3	Z7.261.1327.0	10
	IVB WKF 4-4	Z7.261.1427.0	10
	IVB WKF 4-5	Z7.261.1527.0	10
	IVB WKF 4-6	Z7.261.1627.0	10
	IVB WKF 4-7	Z7.261.1727.0	10
	IVB WKF 4-8	Z7.261.1827.0	10
	IVB WKF 4-9	Z7.261.1927.0	10
	IVB WKF 4-10	Z7.261.2027.0	10
6 mm², 8 mm wide	IVB WKFN 6-2	Z7.282.5227.0	10
I_N: 41 A (57 A when using	IVB WKFN 6-5	Z7.282.5527.0	10
two cross connectors)			
10 mm², 10 mm wide	IVB WKF 10-2	Z7.283.8227.0	10
16 mm², 12 mm wide	IVB WKF 16-2	Z7.284.4227.0	10
35 mm², 16 mm wide	IVB WKF 35-2	Z7.285.6227.0	10
	IVB WKF 35R10-2	Z7.285.6427.0	10
Jumping cross connectors for WT 2,5, WTP 2,5/4 and WKFN 2,5			
3 pole 1-3		99.013.9999.9	10
4 pole 1-4		99.014.9999.9	10
5 pole 1-5		99.015.9999.9	10
5 pole 1 to 3 to 5		99.031.9999.9	10
7 pole 1 to 3, 5 and 7		99.032.9999.9	10
9 pole 1 to 3, 5, 7 and 9		99.033.9999.9	10
11 pole 1 to 3, 5, 7, 9 and 11		99.034.9999.9	10
Additional combinations upon request			

Jumper bar, insulated
Jumper comb, insulated



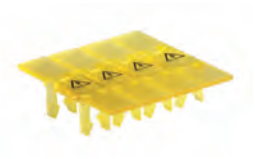
Description	Type	Part No.	Std. Pack
WK 4/U and WK 4 TK, 6 mm wide, 0.5 mm thick			
Jumper comb, insulated	IVB 0,5 WK 4-2	Z7.255.0227.0	10
	IVB 0,5 WK 4-12	Z7.255.0227.0	10
WK 4/U and WK 4 TK, 6 mm wide, 1 mm thick			
Jumper comb, insulated	IVB 1 WK 4-2	Z7.255.4227.0	10
	IVB 1 WK 4-12	Z7.255.4227.0	10
WK 6, WKN 6 TK, WK 4 THSi 6,3x32			
Jumper comb, insulated	IVK WKN 6 TK-2	Z7.255.8227.0	10
	IVK WKN 6 TK-3	Z7.255.8327.0	10
	IVK WKN 6 TK-4	Z7.256.8427.0	10
	IVK WKN 6 TK-5	Z7.256.8527.0	10
	IVK WKN 6 TK-6	Z7.256.8527.0	10

Cover strips and test plugs

Cover strip with warning symbol

- Over 4 blocks, tension spring connection

- Over 4 blocks, screw connection



Description	Type	Part No.	Std. Pack
for tension spring connection			
1.5 mm², 4 mm wide	ADF 1,5/5 GELB	04.343.6953.8	10
2.5 mm², 5 mm wide	ADFN 2,5/4 GELB	04.343.8353.8	10
4 mm², 6 mm wide	ADF 4/4 GELB	04.343.6153.8	10
6 mm², 8 mm wide	ADF 6/4 GELB	04.343.6253.8	10
10 mm², 10 mm wide	ADF 10/4 GELB	04.343.6453.8	10
16 mm², 12 mm wide	ADF 16/4 GELB	04.343.6653.8	10
35 mm², 16 mm wide	ADF 35/5 GELB	04.343.9253.8	10
for screw connection			
WKN 35/U, 16 mm wide, screw M5	AD 16/4 GELB	04.343.5256.8	10
WKN 70/U, 24 mm wide, screw M6	AD 24/4 GELB	04.343.5356.8	10
WKN 150/U, 28 mm wide, screw M8	ADN 28/4 GELB	04.343.5456.8	10

Test plug with tension spring connection

- For WKF/WKC terminal blocks
- For 2.5 mm², 5 mm wide and 4 mm², 6 mm wide

Description	Type	Part No.	Std. Pack
Test plug	PSWKC/F	Z1.299.9753.0	10
Blind piece		01.299.9753.0	10
Endplate	ZP/AP PS	07.312.6053.0	10

General data			
Width	5 mm / 6 mm*		
Wire strip length	8 mm		
Technical data	**IEC**	**UL**	**CSA**
Cross section solid	0.13 –1.5 mm²		
Cross section fine-stranded	0.13 – 1.5 mm²		
Rated current	13.5 A		
Rated voltage	400 V		
Note	* For 6 mm spacing a ZP/AP PS is snapped on behind each test plug or blind piece.		

Test plug

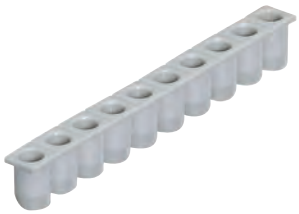
- 250 V / 2 A

Description			Type	Part No.	Std. Pack
Test plug	2.3 mm	red	ST 2/2 RT	Z5.553.2921.0	10
Test plug	2.3 mm	black	ST 2/2 SW	Z5.553.2921.1	50
Test plug	2.3 mm	blue	ST 2/2 BL	Z5.553.2921.6	100
Test plug	4 mm	black	ST 2/4 SW	Z5.553.3121.0	10

Tools

Wire entry guides

- For conductors with cross sections smaller than 1 mm²



Description	Type	Part No.	Std. Pack
1.5 mm², 4 mm wide			
for 0.13–0.2 mm² wires	LEL 1,5/1 WEISS	05.564.4253.0	10
for 0.25–0.5 mm² wires	LEL 1,5/2 GRAU	05.564.4353.0	10
2.5 mm², 5 mm wide			
for 0.13–0.2 mm² wires	LELN 2,5/1 WEISS	05.564.3755.0	100
for 0.25–0.5 mm² wires	LELN 2,5/1 GRAU	05.564.3855.0	100
for 0.75–1.0 mm² wires	LELN 2,5/1 SCHWARZ	05.564.3955.0	100
4 mm², 6 mm wide			
for 0.13–0.2 mm² wires	LEL 4/1 WEISS	05.561.8553.0	100
for 0.25–0.5 mm² wires	LEL 4/2 GRAU	05.561.8653.0	100
for 0.75–1.0 mm² wires	LEL 4/3 SCHWARZ	05.561.8753.0	100

Notching tool for cross connectors

- For 1.5 mm², wide 4 mm wide
- For 2.5 mm², 5 mm wide
- For 4 mm², 6 mm wide

Description	Type	Part No.	Std. Pack
Notching tool	AKW /A	95.300.0500.0	1

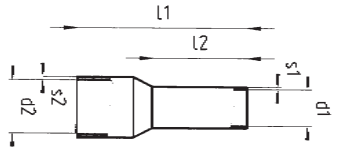
Screwdrivers

Description	Type	Part No.	Std. Pack
1.5 mm², 4 mm wide			
Uninsulated, long and straight	DIN 5264 A 0,4x2,5	06.502.4300.0	5
2.5 mm², 5 mm wide			
Uninsulated, long and straight	DIN 5264 B 0,6x3,5	06.502.4000.0	10
Uninsulated, short and straight	DIN 5264 B 0,6x3,5 M	06.502.5000.0	10
Uninsulated, long and angled	DIN 5264 B 0,6x3,5 W	05.502.4100.0	10
Uninsulated, short and angled	DIN 5264 B 0,6x3,5 MW	05.502.4000.0	10
4 mm², 6 mm wide			
Uninsulated, long and straight	DIN 5264 B 0,6x3,5	06.502.4000.0	10
Uninsulated, short and straight	DIN 5264 B 0,6x3,5 M	06.502.5000.0	10
Uninsulated, long and angled	DIN 5264 B 0,6x3,5 W	05.502.4100.0	10
Uninsulated, short and angled	DIN 5264 B 0,6x3,5 MW	05.502.4000.0	10
6 mm², 8 mm wide	DIN 5264 B 0,6x4	06.502.4100.0	5
10 mm², 10 mm wide	DIN 5264 B 0,6x4	06.502.4100.0	5
16 mm², 12 mm wide	DIN 5264 B 1x5,5	06.502.4200.0	5
35 mm², 16 mm wide	DIN 5264 B 1x5,5	06.502.4200.0	5

Ferrules and tools

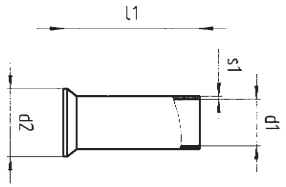
Ferrules with insulating material sleeve

- **Materials:**
  Sleeve: Polypropylene, temperature resistance 105 °C, creepage resistant
  Tube: E-Cu, galvanically tin-plated



without insulating material sleeve

- **Materials:** Tube: E-Cu, galvanically tin-plated



Cross section mm²		Color	Type	Part No.	Std. Pack
Ferrules with insulating material sleeve according to DIN 46228T4					
0.50	norm.	white		06.600.2027.0	100
0.75	norm.	gray		06.600.2127.0	100
1.00	norm.	res		06.600.2227.0	100
1.50	norm.	black		06.600.2327.0	100
1.50	long	black		06.600.2427.0	100
2.50	norm.	blue		06.600.2527.0	100
2.50	long	blue		06.600.2627.0	100
4.00	norm.	gray		06.600.2727.0	100
4.00	long	gray		06.600.2827.0	100
6.00	norm.	yellow		06.600.2927.0	100
6.00	long	yellow		06.600.3027.0	100
10.00	norm.	red		06.600.3127.0	100
10.00	long	red		06.600.3227.0	100
16.00	norm.	blue		06.600.3327.0	100
16.00	long	blue		06.600.3427.0	100
25.00	mid-length	yellow		06.600.3527.0	50
Ferrules without insulating material sleeve according to DIN 46228T1					
0.50	norm.			06.600.4027.0	1000
0.75	norm.			06.600.4127.0	1000
1.00	norm.			06.600.4227.0	1000
1.50	norm.			06.600.4327.0	1000
2.50	norm.			06.600.4427.0	1000
4.00	norm.			06.600.4527.0	1000
6.00	norm.			06.600.4627.0	500
10.00	norm.			06.600.4727.0	500
16.00	norm.			06.600.4827.0	100
25.00	norm.			06.600.4927.0	100
35.00	norm.			06.600.5027.0	100

Wire strippers

Description	Type	Part No.	Std. Pack
Wire strippers	AIW/A	95.350.0100.0	1

General data	
Wire strip length	0.08 - 10 mm²
Cross section, AWG	28 - 7

Crimping tool

- for ferrules

Description		Type	Part No.	Std. Pack
Pressing tool A	Length: 180 mm	PW/A	95.101.1300.0	1
Pressing tool B	Length: 203 mm	PW/B	95.101.1100.0	1
Pressing tool C	Length: 203 mm	PW/C	95.101.1200.0	1

General data	
A: Wire strip length	0.08 - 10 mm²
A: Cross section, AWG	28 - 7
B: Wire strip length	10 - 25 mm²
B: Cross section, AWG	7 - 4
C: Wire strip length	35 - 50 mm²
C: Cross section, AWG	2 - 1/0

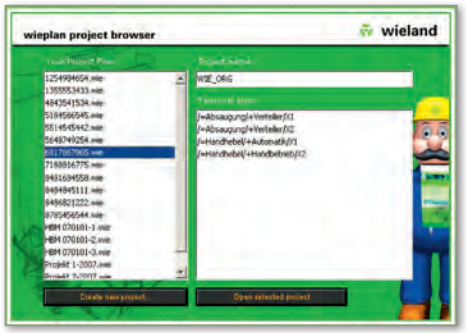
wieplan – configuration software

wieplan was developed to provide you with a powerful software tool for the configuration of terminal block assemblies using Wieland DIN rail terminal blocks.

wieplan is available in different languages. It is userfriendly and its intuitive user interface guides you step by step to the complete terminal block assembly. After completion you can optionally order your configured terminal block assembly from Wieland completely pre-assembled.

The interface to ***ePLAN P8*** enables direct data exchange between the systems and reduces duplication of worksteps.

wieplan supports you from planning to production and helps to save time and resources and reduce costs.



Managing projects

Benefits:

- ***wieplan*** is based on a project structure
- Bi-directional interface to ***ePLAN P8*** available
- Easy and clear handling of the project and terminal block assemblies
- The projects can be managed using the Wieland part numbers or even your own part numbers

Configuring terminal block assemblies without errors

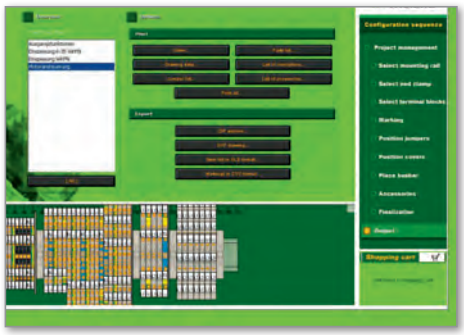
Benefits:

- High-quality graphics enable direct display of the mounting rail
- Easy product selection due to the integrated product catalog
- The product database is automatically updated online
- Continuous plausibility checks automatically add any accessories required

Easy product search

Benefits:

- Clear filter functions enable a search for functionalities or ratings
- Frequently used products may be stored in a library
- ***wieplan*** allows you to create your own products
- Mounting rails can be planned including a mounting diagram and can be saved for future use



Project data output

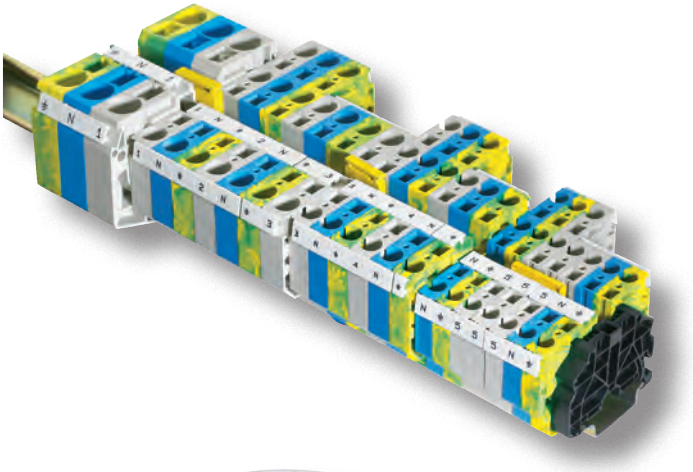
Benefits:

- Project data may be used for documentation
- Print-out suitable as drawing (also *.dxf), parts list and marking list (*.xls), jumper list or order
- You may use your own drawing frames as well as corporate logos in existing frames
- Export of the marking details (*.csv) for further processing in marking systems such as ***wiemarc***

Solution specific, value added assembly

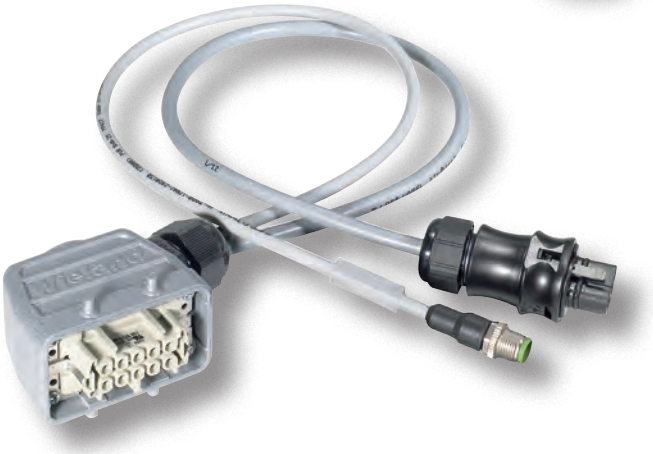
Terminal block assemblies

For those who want to make their control cabinet work easier Wieland Electric pre-assembles completely equipped DIN rail terminal block assemblies, even with the cables connected, if required.



Cable assemblies

Individual cables tailored to your needs and combined with various components can be delivered for your project in all lengths.

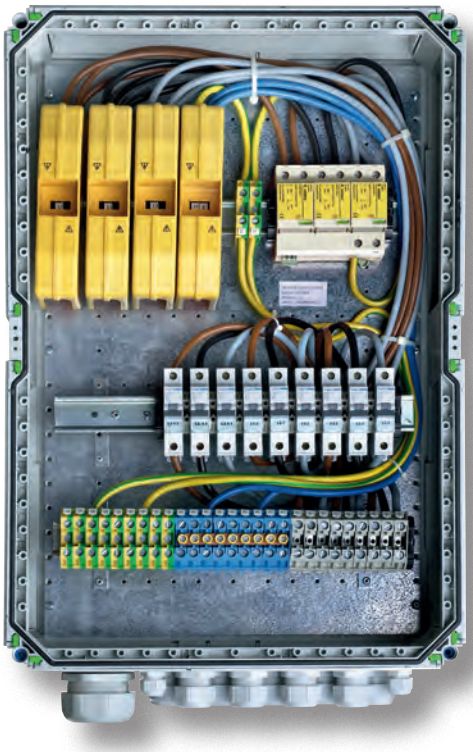


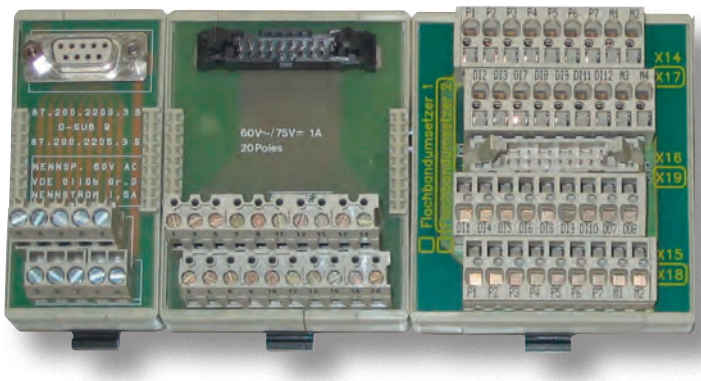
Control and distribution panels

Our value-add departments will gladly assist you in selecting individual Wieland components, or in laying out complete panels, which we can also build for you.

Interface modules – solution specific connectivity

Each control cabinet requires distribution functionality. In most cases this is accomplished with standard control panel wiring (0.5 mm or 1.5 mm fine stranded with ferrule) to standardized interfaces (d-sub or ribbon cables). Upon the customer's request Wieland Electric can design individual and customized solutions for all applications, too.

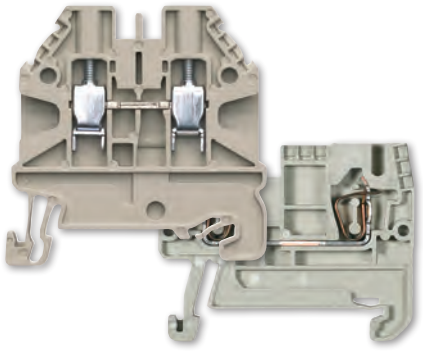




Tables, technical data

DIN rail terminal blocks

Material selection *selos* and *fasis*



Metal parts

- Special alloys enable low feed-through resistance and provide a gas-tight contact area:
  - Current carrying bar: Copper, or brass
  - Clamping body and clamping screws: Galvanized and chromated steel
  - Clamping spring: CrNi stainless steel
  - Current carrying bar: Copper, tinned

Plastic materials

- Polyamide has excellent electrical, chemical and mechanical characteristics:
  - Temperature resistance: Up to 120°C
  - Creepage resistance: CTI 600
  - Flammability class: Self-extinguishing, UL94-V0

Electrical and thermal characteristics of plastic materials

					Thermoplast
					Polyamide
Key figures / characteristics	**Standard**		**Unit**		**PA 666**
Dielectric strength	VDE 0303-T21	IEC 243/1	kV / mm	tr/lf.	55 / 45
Dielectric loss tan _ at 1 MHz	VDE 0303-T4	IEC 250		tr./lf.	0.02 / 0.3
Specific feed through resistance	VDE 0303-T30	IEC 93	Ω x cm	lf.	10^{12}
Surface resistance	VDE 0303-T30	IEC 93	Ω	lf.	10^{10}
Creepage	VDE 0303-T1	IEC 112	CTI		600
Operating temperature RTI *	UL 746 B		°C at 1.5 mm		120
Temperature index TI **	VDE 0304 T.21	IEC 216-1	°C		123 / 107
Minimum operating temperature without mechanical stress			°C		-40
Flammability	UL 94		Class / material thickness		V0 / 0.4
Suitability for tropical areas					good

* electrical value
** related to 50% strain resistance drop after 5,000/20,000 hours

Standard cross sections of round copper conductors AWG/metric

Metric size ISO	Comparison between AWG/kcmil and metric sizes			Metric size ISO	Comparison between AWG/kcmil and metric sizes		
mm²	AWG	kcmil	mm²	mm²	AWG	kcmil	mm²
0.1*	28		0.081	16	6		13.3
0.14*	26		0.128	25	4		21.2
0.2	24		0.205	35	2		33.6
–	22		0.324	50	(1/0) 0		53.5
0.5	20		0.519	70	(2/0) 00		67.4
0.75	18		0.82	95	(3/0) 000		85
1	–		–	–	(4/0) 0000		107.2
1.5	16		1.3	120		250	127
2.5	14		2.1	150		300	152
4	12		3.3	185		350	177
6	10		5.3	240		500	253
10	8		8.4	300		600	304

* not standardized

Mounting rails

Maximum short-time current capability assigned to mounting rails

DIN EN 60 947-7-2

Rail profile	Material	Equivalent E-Cu cross section mm²	Short-time-current capability 1 s kA	Rated thermal current of a PEN busbar A
DIN rail TH 15 x 5,5 according to IEC 60 715	Steel	10	1.2	–
G rail TS 32 according to IEC 60 715	Steel	35	4.2	–
	Copper[1)]	120	14.4	269
	Aluminium[1)]	70	8.4	192
DIN rail TS 35 x 27 x 7,5 according to IEC 60 715	Steel	16	1.92	–
DIN rail TS 35 x 27 x 15 according to IEC 60 715	Steel	25	3	–
DIN rail TS 35 x 24 x 15 according to IEC 60 715 (made from 2.3 mm thick material)	Steel	50	6	–
	Copper[1)]	150	18	309

[1)] Selected copper or aluminum alloys from the manufacturer of the terminal block layout were used to achieve the values in the table.

Torques

Torque according to EN 60947-1 for ***selos*** DIN rail terminal blocks

II applies for screws that are tightened with a screwdriver

III applies for screws that can be tightened with tools other than a screwdriver

			II	III
WT 2.5, width 5 mm	M2.5 clamping body screw	Nm	0.4	
WT 4 ... , width 6 mm	M3 clamping body screw	Nm	0.5	
WT 6 and WKN 6, width 8 mm	M4 clamping body screw	Nm	1.2	
	M3.5 screw for cross connector	Nm	0.8	
WT 10, width 10 mm	M4 clamping body screw	Nm	1.2	
WT 16, width 12 mm	M5 clamping body screw	Nm	2.0	
WKN 35, width 16 mm	M6 clamping body screw	Nm	2.5	3.0
	M5 screw for cross connector	Nm	2.0	2.0
WKN 70, width 24 mm	M8 clamping body screw	Nm	3.5	6.0
	M6 screw for cross connector	Nm	2.5	3.0
WKN 150, width 28 mm	M10 clamping body screw	Nm	4.0	10.0
	M8 screw for cross connector	Nm	3.5	6.0

Information about Ex applications

DIN rail terminal blocks for installations with explosion hazard (Ex terminals) Protection category Increased safety “e”

Ex terminals are DIN rail terminal blocks that have been tested and certified by a European Ex test institute according to

EN 60 079-0 – VDE 0170/0171 part 1 “General requirements” and

EN 60 079-7 – VDE 0170/0171 part 6 Protection category: Increased safety “e“

DIN EN 60079-0, VDE 0170-1: Explosionsfähige Atmosphäre - Teil 0: Geräte - Allgemeine Anforderungen (IEC 60079-0:2007); Deutsche Fassung EN 60079-0:2009

DIN EN 60079-7, VDE 0170-6: Explosionsfähige Atmosphäre - Teil 7: Geräteschutz durch erhöhte Sicherheit „e“ (IEC 60079-7:2006); Deutsche Fassung EN 60079-7:2007

The protection category Increased safety “e” applies to electrical equipment that resists sparks, electric arcing or hazardous surface temperatures during operation. DIN rail terminal blocks thus fall into temperature category T6 in which electrical equipment at an ambient temperature of 40 °C and proper use does not exceed the maximum temperature (surface temperature) of 85 °C.

Certifying test institutes are, for example, the Physikalisch Technische Bundesanstalt PTB in Germany, the Laboratoire Central des Industries Electrique LCIE in France, the Health and Safety Executive BASEEFA in Great Britain, the EX laboratory of ASEV in Switzerland, among others.

However, for DIN rail terminal blocks as incomplete electrical equipment, only a partial certification is issued. This certificate is the basis for the final acceptance and certification of the complete installation before it is commissioned by an expert.

The certificate (prototype test certificate) includes a description of the DIN rail terminal blocks, in which special requirements regarding the preparation of terminal strips are put into place, for example, installing partitions and end plates when terminal blocks are connected in series. This information is also provided in our catalog that in this case serves as an instruction manual.

Test Certificate

Certificates from notified bodies are available for feed-through terminal blocks of series WK(N).., WKF.., WKFN.., WT and ground blocks of series WK..SL.., WKF..SL.., WKFN..SL.. as well as ***revos*** Ex industrial multipole connectors. The certificates indicate the relevant rated values and include the accessories listed in the description.
The areas of application are divided into:

Group I:	**Electrical equipment for mine openings with firedamp hazard**
Group II:	**Electrical equipment for hazardous areas except for mine openings with firedamp hazard (for example installations with explosion hazard for the chemical and petrochemical industry).**

According to a resolution of the DEK (Deutsche Elektrotechnische Kommission) terminal blocks are also accepted as electrical equipment for Group I (firedamp protection Ex e I) for which only the increased safety protection type ‘e’ for Group II (explosion protection Ex e II) has been certified and vice versa.

Ex protected DIN rail terminal blocks are identified with distinct safety protection and an additional marking according to ATEX directive 94/9/EG. The complete test certificate with a description is available on request or it can be downloaded from Wieland Electric Download Center.

Protection category “Intrinsic safety Ex i”

The DIN rail terminal blocks can be used in Group II (Category 2) and Group 1 (Category M2) equipment, as the standard requirements are identical in this case.

It has been generally accepted that feed-through terminals in intrinsic circuits are clearly marked with the blue coloring of the insulated housing. For intrinsic circuits, feed-through terminals can be used in the standard version and if required are available with blue insulating housing.

Technical information

- The information regarding cross sectional area and connection types pertains to unprepared wires without ferrules! Ferrules are not necessary for secure connection. Whenever ferrules are used, make sure that the tools specified by the manufacturer are used exclusively.
- The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to.
- If the ground blocks are not used in block assemblies, but are mounted to the rail as single terminal blocks, end clamps have to be used.
- A detailed description of technical data, the standards requirements, and the application conditions are available in the flyer ***facts*** & DATA.

ATEX regulation

- For the use of DIN rail terminal blocks in Ex areas, the regulations of EN 60079-0 apply; whereas for increased safety Ex e the regulations of EN 60079-7 must be followed. For an approximation of the laws of the EU member states, directive 94/9/EG was created, which is generally known as ATEX 100a and which is the basis for harmonization in this field. ATEX stands for "atmoshpere explosive" while 100a refers to the corresponding article of the EC contract.
- Directive ATEX 100a applies for protection against dust and gas explosions in all industrial Ex areas and in mining. The testing and certificating institutes named in directive ATEX 100a must follow accreditation procedures which are the same throughout Europe.
- In accordance with EN 60070-0/60079-7 and ATEX 100a, these certifying institutes write out EC certificates for prototype tests. These prototype test certificates for components together with the corresponding quality system certification of the supplier are required to obtain the so-called ATEX approval.
- In combination with the Ex mark, the markings of the Wieland terminal blocks have the following meaning:

Ex	Identification
II	Device group
2	Category
G D	Areas
KEMA	Name of testing institute
ATEX...	Certifcate, year of testing, number

Mounting instructions for Ex e applications

- If feed-through blocks are mounted directly adjacent to other feed-through blocks of a different size, or directly adjacent to ground blocks, the open side of the block group of the same type must be covered by an end plate or partition.
- If adjacent DIN rail terminal blocks are jumpered or if jumpered DIN rail terminal blocks are positioned next to unjumpered DIN rail terminal blocks, a partition plate must be inserted between the individual terminal block groups or at the beginning and end of a laterally or longitudinally connected terminal block (group) in order to meet the specified isolation distances. Notched out and jumpering cross connectors can not be used in Ex areas.
- If the terminal blocks are combined with other certified series and sizes and when their accessories are used, the required creepage distances and clearances must be adhered to.
- The feed through terminal blocks and protective conductor terminal blocks are suitable for enclosures for use in explosive gas atmospheres or for use in the presence of combustible dust. For explosive gas atmospheres these enclosures must satisfy the requirements of EN 60079-0 and EN 60079-7. For combustible dust these enclosures must satisfy the requirements of EN 61241-0 and EN 61241-1 rather EN 50281-1-1.
- If the DIN rail terminal blocks are installed in a housing with protection type "e" (increased safety) according to EN 60079-7, the clearances and creepage distances stated in Table 1 must be adhered to..
- The indicated values for the current carrying capability refer to a maximum ambient temperature of 40 °C. When the terminal blocks are loaded with the maximum rated current the temperature rise will be max. 45 K.
- Operating temperature range: -40°C ... +80°C, series WK(N)/M..., WKF..., WT
  -20°C ... +80°C, series WKFN
- If cables are used whose cross-section is smaller than the nominal cable cross-section, the corresponding lower current must be specified in the EC prototype test certificate for the complete device.
- Due to the heat generated during operation at the specified current and at ambient temperatures of ≤ 40 °C, the DIN rail terminal blocks can be installed in equipment (mainly distribution and connection boxes) suitable for temperature class T6. If DIN rail terminal blocks are installed in equipment with a temperature class ranging from T1 to T5, it must be ensured that the maximum temperature of the insulating parts does not exceed the maximum value in the operating temperature range.

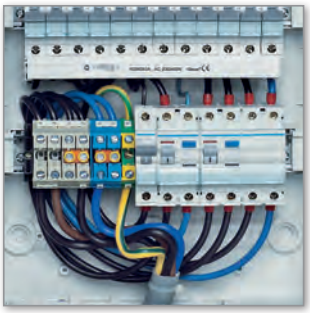
Temperature classes

Temperature class	T1	T2	T3	T4	T5	T6
Maximum surface temperature at equipment in °C	450	300	200	135	120	85

SCCR Values for DIN rail terminal blocks

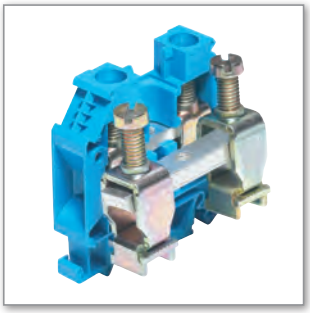
As a result of changes to the 2005 NEC, both the operator and manufacturer of electrical equipment must comply with increased requirements related to resistance to short-circuiting of equipment. In accordance with both the NEC 2005 Article 409.110 and UL 508A, he short circuit resistance of the complete installation must now be considered. The installation's Short Circuit Current Rating must be indicated on the equipment or control panel's legend plate.

Wieland has tested and determined individual SCCR values for their terminal blocks in connection with the widest variety of fuses. These ratings are far greater than the default values contained in UL 508A. As a result, when qualifying your installation, you have increased flexibility and accuracy when using Wieland terminal blocks.



What does SCCR marking mean?

The Short Circuit Current Rating (SCCR) of a component represents the maximum short circuit current level a device can safely withstand without compromising safety for installations and personnel. Article 409 on industrial control panels was added to the NEC in the 2005 edition. This article calls for all industrial control panels to be marked with a Short Circuit Current Rating. The Short Circuit Current Rating (SCCR) requirements for UL 508A came into force in April 2006.



How is the SCCR marking determined?

The NEC Article 409 refers to the UL 508A Supplement SB as an approved method for determining the SCCR of an industrial control panel. This specific method is outlined in Section SB4.

1. Determination of the SCCR values of individual components, for example DIN rail terminal blocks
2. Modification of the SCCR values through the use of current limiting devices per UL 508 SB 4.3
3. Selection of the lowest SCCR value from all the components

SCCR for DIN rail terminal blocks in general

The SCCR of a terminal block can be determined according to UL 508A using one of the following methods:

1. Use the tested SCCR value
2. Use the default SCCR value as specified in table 4.1 of UL 508

If the DIN rail terminal blocks do not have a tested SCCR, then the UL default value of 10 kA must be used. This relatively low value would limit the SCCR of the entire system to max. 10 kA.

SCCR for Wieland DIN rail terminal blocks

Wieland determined SCCR values for its DIN rail terminal blocks used in conjunction with fuses and circuit breakers. The resulting SCCR values are much higher than the values specified for DIN rail terminal blocks in table SB 4.1 of UL 508A.
You will find the tested SCCR values for our ***selos*** and ***fasis*** product series in our customer information 0019.3, available on www.wieland-electric.com.
The SCCR values are also published on the UL website (http://www.ul.com) under file number E60678.

Selection of our catalogs

0510.0 ***selos*** BIT / ***fasis*** BIT
DIN Rail Terminal Blocks for Junction Boxes

0670.1 ***gesis***®
Pluggable electrical installation for indoors

0690.1 ***gesis***® RST®
Pluggable electrical installation in highest protection (IP6X)

0700.1 ***gesis***® ELECTRONIC
Decentralized building automation with plug & play

0530.1 ***revos***
Industrial Multipole Connectors

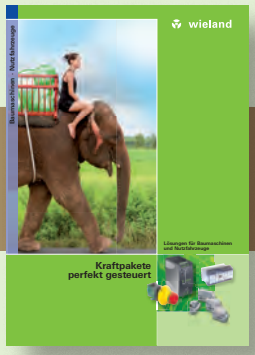
0800.1 ***interface***
Solutions for the Control Cabinet

0860.1 ***safety***
System Solutions for Automation Technology

0550.1 ***wiecon***
Printed Circuit Board Terminals

0415.1 Machine building
Individual customer solutions

0402.1 Components for heating, ventilation, and air conditioning



0406.1 Solutions for heavy duty construction equipment and vehicles

0416.1 Lift Technologie
Solutions for the electrical installation

0902.1 Product Portfolio
Components and Solutions at a Glance

0912.0 Wieland apprenticeship
Auf der Erfolgsstraße.

0950.1 Wieland Image brochure

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Industrial technology

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  - Screw, tension spring or push-in connection technology
  - Wire cross sections up to 300 mm²
  - Numerous special functions
  - Software solutions interfacing to CAE systems
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  - Safe signal acquisition
  - Safety switching devices
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  - Application consulting and training
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  - Industrial Ethernet switches
  - PLC and I/O systems, standard and increased environmental conditions
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  - Power supply units
  - Overvoltage protection
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  - Timer relays, measuring and monitoring relays
  - Analog coupling and converter modules
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- Decentralized installation and automation technology
  - Electrical installation for wind tower
  - Fieldbus interfaces and motor starters
- Connectors for industrial applications
  - Rectangular and round connectors
  - Aluminium or plastic housings
  - Degree of protection up to IP 69K
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
  - Modular, application-specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology

- Building installation systems
  - Main power supply connectors IP 20/IP 65 ... IP 69K
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  - Low-voltage connectors
  - Power distribution system with flat cables
  - Distribution systems
  - Room automation with KNX and wireless technology
  - DIN rail terminal blocks for electrical installations
  - Overvoltage protection

0500.1 A 02/16

contacts are green.