

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.

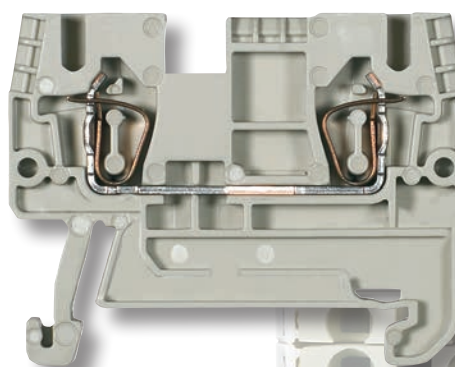
The product line includes feed-through and ground blocks with 2, 3 or 4 termination point as well as multi-tier blocks in two- and three-tier designs, knife-edge disconnect blocks in one- and two-tier designs and fuse blocks. In addition, specialty function blocks are available with application-specific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

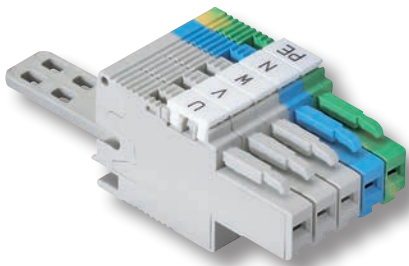
Rated current of up to 125 A

Rated voltage of up to 1000 V



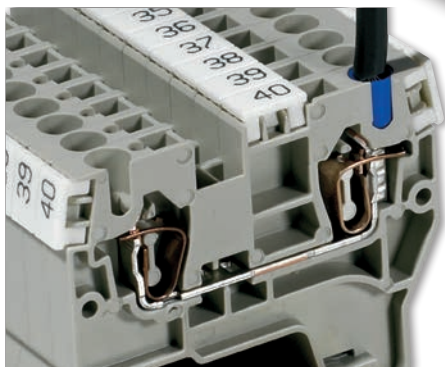
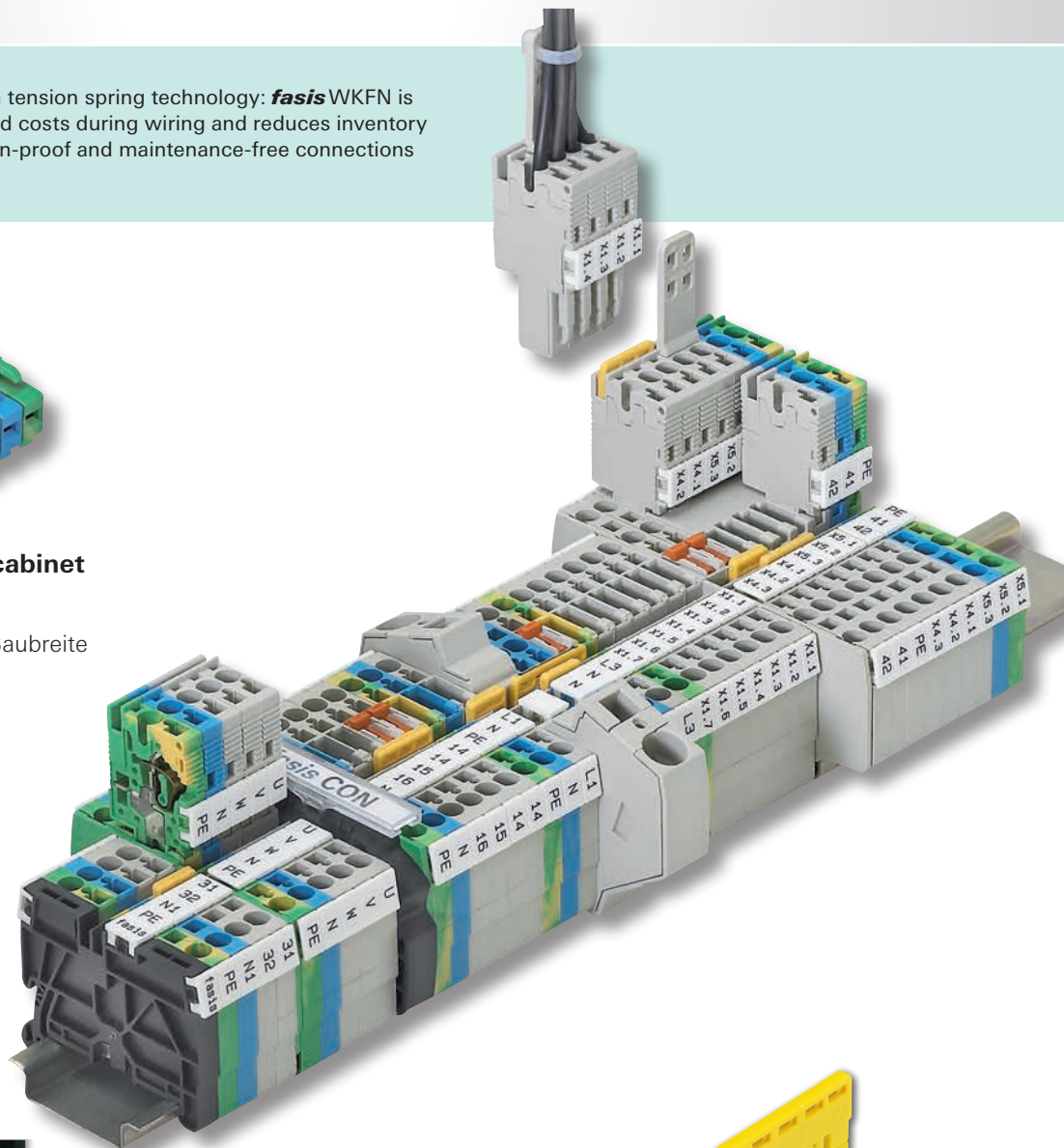
DIN rail terminal blocks with tension spring connection

The 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.



Plug & Play in the control cabinet

- Plug-in system – **fasis** CON
- 32A und 4 mm² auf nur 5mm Baubreite



Durable and maintenance-free connection

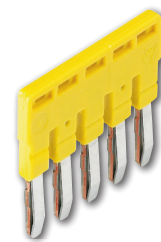
- Tension spring connection resistant to vibration
- Connect with and without ferrules

Fine-stranded wire perfectly connected

- Simple operation with a standard screwdriver
- Screwdriver is held securely in the terminal for optimal handling while connecting wires

Completing the Concept

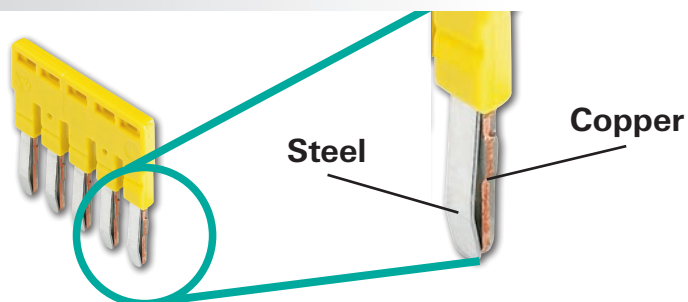
- Dual jumpering channels
- Plug-in jumper bars
- Potential distribution by supply block up to 76 A



Easy testing

- Function check via modular test adapter
- Integrated test jacks in all blocks

Wieland jumpering system – Perfect technology



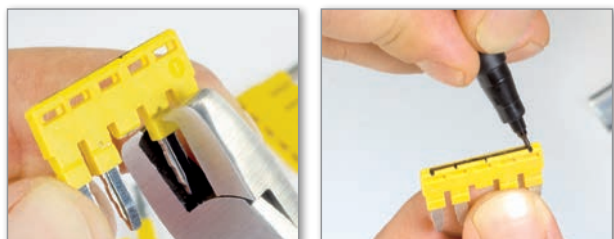
Perfect technology

- 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

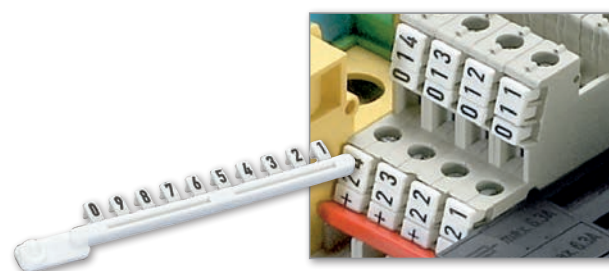
- Individual poles easy to remove
- Circuits easy to identify

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

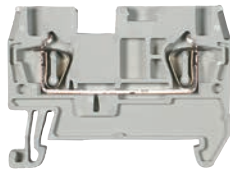
- Wire entry guide strips for secure connection of wires smaller than 1 mm²
- Snap-on covers with warning symbols
- Wieland screwdriver for optimal operation of spring tension terminals





Feed-through blocks with tension spring connection


WKF 1,5/35

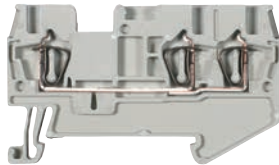
- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II  II 2GD
Follow the EX installation instructions on page 170





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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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				
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

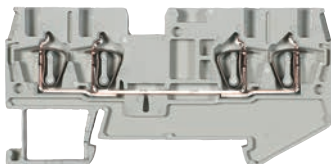
- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II  II 2GD
Follow the EX installation instructions on page 170





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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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				
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  II 2GD
Follow the EX installation instructions on page 170



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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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				
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

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




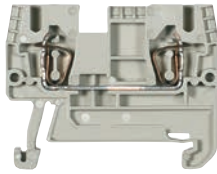
Accessories		Type	Part No.	Std. Pack
Cross connector, insulated	2-pole	IVB WKF 1,5-2	Z7.268.0227.0	10
	3-pole	IVB WKF 1,5-3	Z7.268.0327.0	10
	4-pole	IVB WKF 1,5-4	Z7.268.0427.0	10
	5-pole	IVB WKF 1,5-5	Z7.268.0527.0	10
	10-pole	IVB WKF 1,5-10	Z7.268.1027.0	10
	20-pole	IVB WKF 1,5-20	Z7.268.2027.0	10
Wire entry guide	0.13-0.2 mm ²	LEL 1,5/1 WEISS	05.564.4253.0	10
	0.25-0.5 mm ²	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

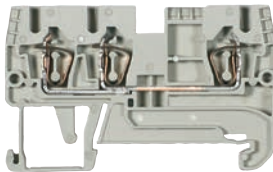
- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170









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       PTB 04 ATEX 1051 U			
Technical data				
	IEC	UL	CSA	Ex
	EN 60 947-1-1			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	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				
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

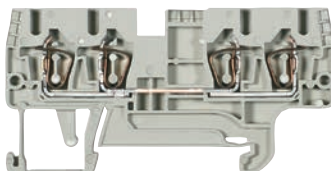
- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170









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       PTB 04 ATEX 1051 U			
Technical data				
	IEC	UL	CSA	Ex
	EN 60 947-1-1			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	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				
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  II 2GD IM2
Follow the EX installation instructions on page 170

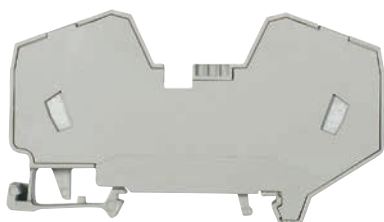


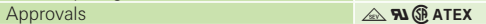

Description	Type	Part No.	Std. Pack	
Feed-through block	gray	WKFN 2,5 D2/2/35	56.703.5155.0	100
Feed-through block	blue	WKFN 2,5 D2/2/35 BLAU	56.703.5155.6	100
General data				
Width / length / height, incl. TS 7.5	5 mm / 72 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 04 ATEX 1051 U			
Technical data				
	IEC	UL	CSA	Ex
	EN 60 947-1-1			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	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				
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

Supply block

WKF 16/35 PV/WKFN

- Supply block for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e II/II  II 2GD IM2
Follow the EX installation instructions on page 170



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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	4–16 mm ²			4–16 mm ²
Cross section solid/stranded	4–16 mm ²			4–16 mm ²
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				
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	one side		both sides	
	single	double	single	double
I_{max}	48	68	72	76

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


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

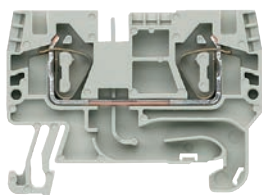


Accessories	Type	Part No.	Std. Pack	
Cross connector, insulated	2-pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3-pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4-pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5-pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6-pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7-pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8-pole	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 mm ²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm ²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm ²	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  II 2GD IM2
Follow the EX installation instructions on page 170




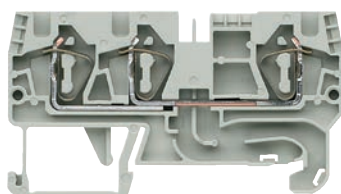
Description	Type	Part No.	Std. Pack
Feed-through block	gray	WKFN 4/35	56.704.0055.0
Feed-through block	blue	WKFN 4/35 BLAU	56.704.0055.6

General data				
Width / length / height, incl. TS 7.5	6 mm / 51 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 05 ATEX 1104 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			
Cross section fine-stranded	0.13–4 mm ²			EN 60 079-0/-7
Cross section solid/stranded	0.13–6 mm ²			0.13–4 mm ²
Cross section, AWG		24–10	24–10	0.2–6 mm ²
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 40K/ 2. value at 45K








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

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  II 2GD IM2
Follow the EX installation instructions on page 170




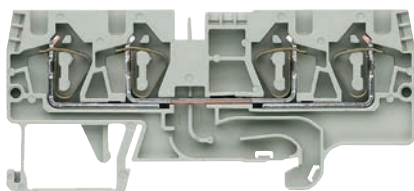
Description	Type	Part No.	Std. Pack
Feed-through block	gray	WKFN 4 D1/2/35	56.704.5055.0
Feed-through block	blue	WKFN 4 D1/2/35 BLAU	56.704.5055.6

General data				
Width / length / height, incl. TS 7.5	6 mm / 67 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 05 ATEX 1104 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			
Cross section fine-stranded	0.13–4 mm ²			EN 60 079-0/-7
Cross section solid/stranded	0.13–6 mm ²			0.13–4 mm ²
Cross section, AWG		24–10	24–10	0.2–6 mm ²
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 40K/ 2. value at 45K








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

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  II 2GD IM2
Follow the EX installation instructions on page 170




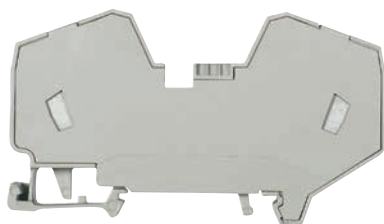
Description	Type	Part No.	Std. Pack
Feed-through block	gray	WKFN 4 D2/2/35	56.704.5155.0
Feed-through block	blue	WKFN 4 D2/2/35 BLAU	56.704.5155.6

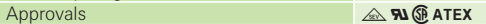

General data				
Width / length / height, incl. TS 7.5	6 mm / 82 mm / 38 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 05 ATEX 1104 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			
Cross section fine-stranded	0.13–4 mm ²			EN 60 079-0/-7
Cross section solid/stranded	0.13–6 mm ²			0.13–4 mm ²
Cross section, AWG		24–10	24–10	0.2–6 mm ²
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 40K/ 2. value at 45K

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

WKF 16/35 PV/WKFN

- Supply block for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170



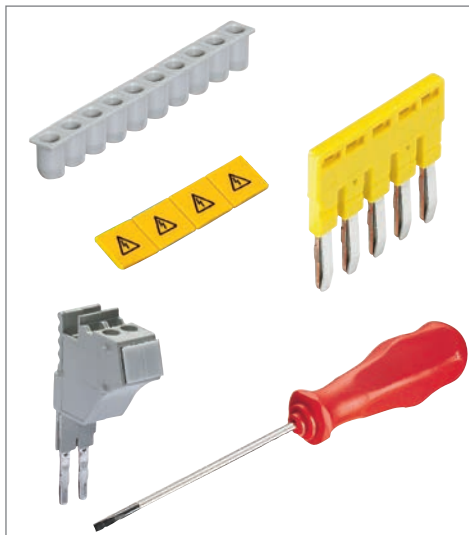
Description	Type	Part No.	Std. Pack	
Power feed-in block	gray	WKF 16/35 PV/WKFN	56.716.0353.0	20
General data				
Width / length / height, incl. TS 7.5	12 mm / 82 mm / 48 mm			
Wire strip length	15 mm			
Approvals	 KEMA 01 ATEX 2087 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	4–16 mm ²			4–16 mm ²
Cross section solid/stranded	4–16 mm ²			4–16 mm ²
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				
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	one side		both sides	
	single	double	single	double
I_{max}	64	76	76	76

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


Accessories for *fasis* WKFN 4...

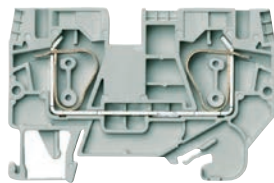






Accessories	Type	Part No.	Std. Pack
Cross connector, insulated	2-pole VB WKF 4–2	Z7.261.1227.0	10
	3-pole IVB WKF 4–3	Z7.261.1327.0	10
	4-pole IVB WKF 4–4	Z7.261.1427.0	10
	5-pole IVB WKF 4–5	Z7.261.1527.0	10
	6-pole IVB WKF 4–6	Z7.261.1627.0	10
	7-pole IVB WKF 4–7	Z7.261.1727.0	20
	8-pole IVB WKF 4–8	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 mm ² LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm ² LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm ² 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

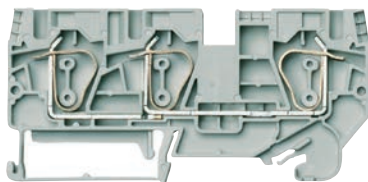
- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170







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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm ²			0.2–6 mm ²
Cross section solid/stranded	1.5–10 mm ²			1.5–10 mm ²
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 40K/ 2. value at 45K
Accessories				
End plate	gray	APFN 6	07.313.0455.0	10
End plate	blue	APFN 6 BLAU	07.313.0455.6	10
Partition	gray	TWFF 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  II 2GD IM2
Follow the EX installation instructions on page 170



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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm ²			0.2–6 mm ²
Cross section solid/stranded	1.5–10 mm ²			1.5–10 mm ²
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 40K/ 2. value at 45K
Accessories				
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	TWFF 6 D1/2	07.313.0755.0	10


Accessories for *fasis* WKFN 6...



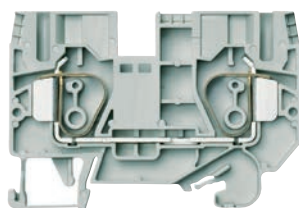
Accessories	Type	Part No.	Std. Pack	
Cross connector, insulated**	2-pole	IVB WKFN 6–2	Z7.282.5227.0	10
	3-pole	IVB WKFN 6–3	Z7.282.5327.0	10
	4-pole	IVB WKFN 6–4	Z7.282.5427.0	10
	5-pole	IVB WKFN 6–5	Z7.282.5527.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 6/4 GELB	04.343.6253.8	10
Test plug		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.





WKFN 10/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170

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

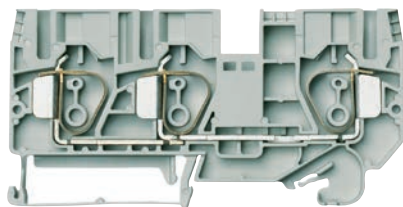
General data				
Width / length / height, incl. TS 7.5	10 mm / 72 mm / 50 mm			
Wire strip length	15 mm			
Approvals	PTB   		PTB 06 ATEX 1075 U	
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 10 mm ²			0.2 – 10 mm ²
Cross section solid/stranded	1.5 – 16 mm ²			1.5 – 16 mm ²
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 40K/ 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  II 2GD IM2
Follow the EX installation instructions on page 170

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

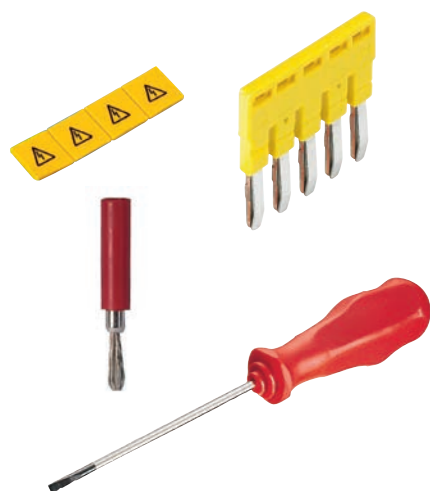


Description	Type	Part No.	Std. Pack	
Feed-through block	gray	WKFN 10 D1/2/35	56.710.5055.0	50
Feed-through block	blue	WKFN 10 D1/2/35 BLAU	56.710.5055.6	50

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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 10 mm ²			0.2 – 10 mm ²
Cross section solid/stranded	1.5 – 16 mm ²			1.5 – 16 mm ²
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 40K/ 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...




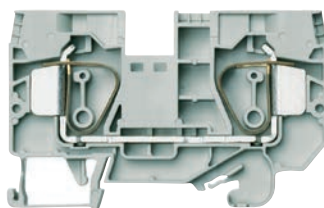
Accessories	Type	Part No.	Std. Pack	
Cross connector, insulated**	2-pole	IVB WKF 10–2	Z7.283.8227.0	10
Reducing jumper, WKF 35 to WKFN 10 ³⁾		IVB WKF 35R10	Z7.285.6427.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 10/4 GELB	04.343.6453.8	10
Test plug		ST 2/2,3	Z5.553.2921.0	10
Screwdriver, 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

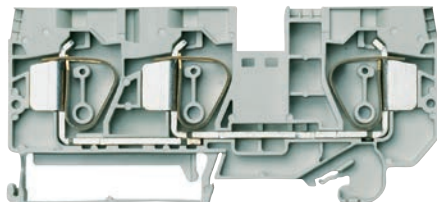
- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170







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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 16 mm ²			0.2 – 16 mm ²
Cross section solid/stranded	1.5 – 25 mm ²			1.5 – 25 mm ²
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 40K/ 2. value at 45K
Accessories				
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

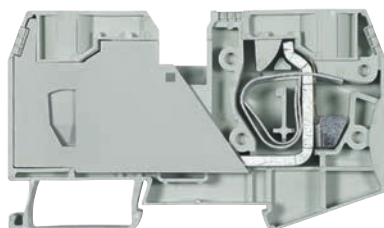
- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170







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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 16 mm ²			0.2 – 16 mm ²
Cross section solid/stranded	1.5 – 25 mm ²			1.5 – 25 mm ²
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 40K/ 2. value at 45K
Accessories				
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

WKFN 35/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 35 mm²
- Ex e II  II 2GD
Follow the EX installation instructions on page 170



Description	Type	Part No.	Std. Pack	
Feed-through block	gray	WKFN 35/35	56.735.0053.0	10
Feed-through block	blue	WKFN 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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	2.5 – 35 mm ²			2.5 – 35 mm ²
Cross section solid/stranded	2.5 – 35 mm ²			2.5 – 35 mm ²
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				
Cross connector, insulated	2-pole	IVB WKF 35-2	Z7.285.6227.0	10

Potential supply with feed-through blocks up to 35 mm²

$I_{\max E}$: I_{\max} supply
 $I_{\max R}$: $I_{\text{reducing cross connector}}$
 I_{N-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
$I_{\text{reducing cross connector}}$	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

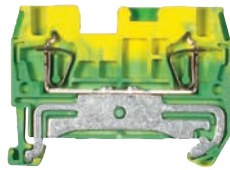
Accessories	Type	Part No.	Std. Pack
Test plug	ST 2/2,3	Z5.553.2921.0	10
Screwdriver, uninsulated	DIN 5264 B 1x5,5	06.502.4200.0	5



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

Ground blocks with tension spring connection


WKF 1,5 SL/35

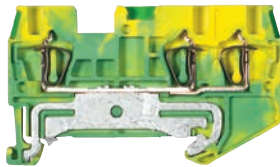
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170





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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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				
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

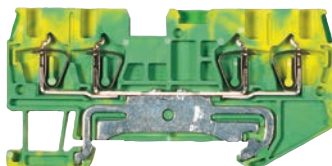
- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170





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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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				
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

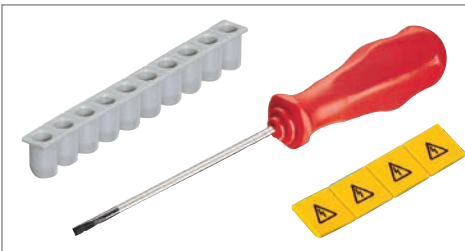
WKF 1,5 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170



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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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				
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...

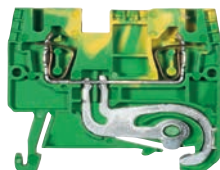










Accessories	Type	Part No.	Std. Pack	
Wire entry guide	0.13–0.2 mm ²	LEL 1,5/1 WEISS	05.564.4253.0	100
	0.25–0.5 mm ²	LEL 1,5/2 GRAU	05.564.4353.0	100
Cover with warning symbol over 5 blocks	yellow	ADF 1,5/5 GELB	04.343.6953.8	10
Screwdriver, uninsulated		DIN 5264 B 0,4x2,5	06.502.4300.0	5

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


WKFN 2,5 SL/35

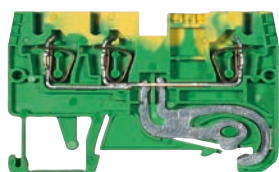
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170











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        PTB 04 ATEX 1051 U			
Technical data	IEC	UL	CSA	
	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	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			
Accessories				
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  II 2GD IM2
Follow the EX installation instructions on page 170











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        PTB 04 ATEX 1051 U			
Technical data	IEC	UL	CSA	
	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	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			
Accessories				
End plate	gray	APFN 2,5 D1/2	07.312.6955.0	10

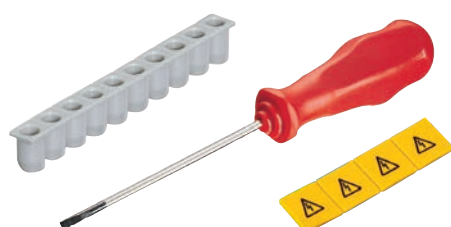
WKFN 2,5 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170



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        PTB 04 ATEX 1051 U			
Technical data	IEC	UL	CSA	
	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	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			
Accessories				
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 mm ²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm ²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm ²	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

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  II 2GD IM2
Follow the EX installation instructions on page 170










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       PTB 05 ATEX 1104 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm ²			0.13–4 mm ²
Cross section solid/stranded	0.13–6 mm ²			0.2–6 mm ²
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				
End plate	gray	APFN 4	07.312.9255.0	10


WKFN 4 D1/2/SL/35

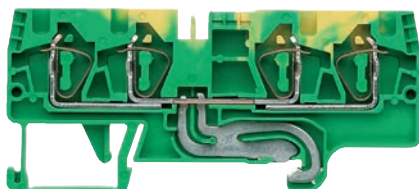
- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170










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       PTB 05 ATEX 1104 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm ²			0.13–4 mm ²
Cross section solid/stranded	0.13–6 mm ²			0.2–6 mm ²
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				
End plate	gray	APFN 4 D1/2	07.312.9455.0	10

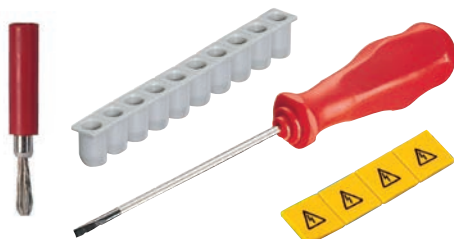
WKFN 4 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170




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       PTB 05 ATEX 1104 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm ²			0.13–4 mm ²
Cross section solid/stranded	0.13–6 mm ²			0.2–6 mm ²
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				
End plate	gray	APFN 4 D2/2	07.312.9055.0	10

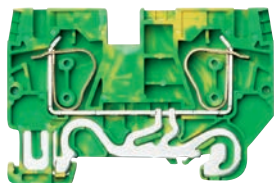
Accessories for *fasis* WKFN 4...







Accessories	Type	Part No.	Std. Pack	
Wire entry guide	0.13–0.2 mm ²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm ²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm ²	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


WKFN 6 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170







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
	EN 60 947-7-2		EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm ²		0.2–6 mm ²
Cross section solid/stranded	1.5–10 mm ²		1.5–10 mm ²
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			
End plate gray	APFN 6	07.313.0455.0	10

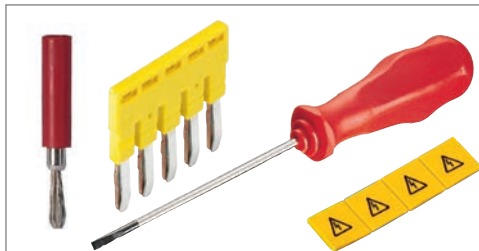
WKFN 6 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170



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
	EN 60 947-7-2		EN 60 079-0/-7
Cross section fine-stranded	0.2–6 mm ²		0.2–6 mm ²
Cross section solid/stranded	1.5–10 mm ²		1.5–10 mm ²
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			
End plate gray	APFN 6 D1/2	07.313.0655.0	10

Accessories for *fasis* WKFN 6...




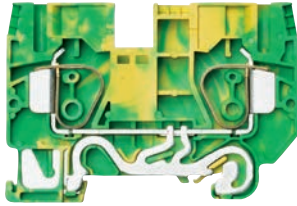
Accessories	Type	Part No.	Std. Pack
Cross connector, insulated*	2-pole	IVB WKFN 6–2	Z7.282.5227.0
	3-pole	IVB WKFN 6–3	Z7.282.5327.0
	4-pole	IVB WKFN 6–4	Z7.282.5427.0
	5-pole	IVB WKFN 6–5	Z7.282.5527.0
	Cover with warning symbol over 4 blocks	yellow	ADF 6/4 GELB
Test plug		ST 2/2,3	Z5.553.2921.0
Screwdriver,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






* 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

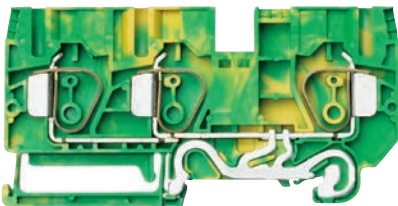
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170








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	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 10 mm ²			0.2 – 10 mm ²
Cross section solid/stranded	1.5 – 16 mm ²			1.5 – 16 mm ²
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				
End plate	gray	APFN 10/35	07.313.0855.0	10


WKFN 10 D1/2/SL/35

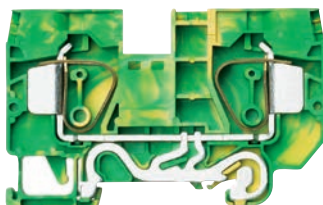
- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170








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	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 10 mm ²			0.2 – 10 mm ²
Cross section solid/stranded	1.5 – 16 mm ²			1.5 – 16 mm ²
Cross section, AWG			16–6	
Rated current				
Rated voltage	1000 V		600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			
Accessories				
End plate	gray	APFN 10 D1/2	07.313.1055.0	10


WKFN 16 SL/35

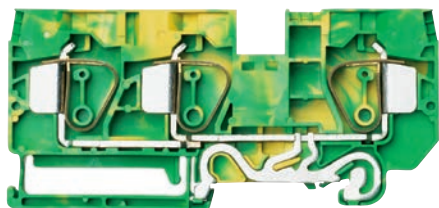
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170







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	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 16 mm ²			0.2 – 16 mm ²
Cross section solid/stranded	1.5 – 25 mm ²			1.5 – 25 mm ²
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				
End plate	gray	APFN 16	07.313.1255.0	10


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 II  II 2GD IM2
Follow the EX installation instructions on page 170







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	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.2 – 16 mm ²			0.2 – 16 mm ²
Cross section solid/stranded	1.5 – 25 mm ²			1.5 – 25 mm ²
Cross section, AWG			16–4	
Rated current				
Rated voltage	1000 V		600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			
Accessories				
End plate	gray	APFN 16 D1/2	07.313.1455.0	10

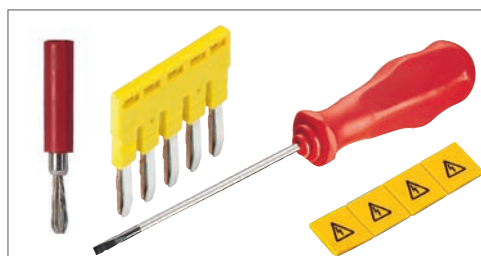
WKF 35 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 35 mm²
- Ex e II  II 2GD
Follow the EX installation instructions on page 170



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	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	2.5 – 35 mm ²			2.5 – 35 mm ²
Cross section solid/stranded	2.5 – 35 mm ²			2.5 – 35 mm ²
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				
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/...




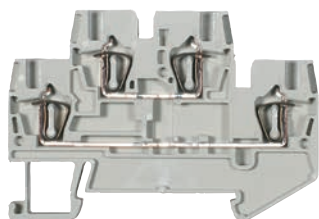
Accessories	Type	Part No.	Std. Pack	
Test plug	ST 2/2,3	Z5.553.2921.0	10	
Screwdriver, uninsulated	DIN 5264 B 1x5,5	06.502.4200.0	5	
for WKFN 10 ...				
Cross connector, insulated**	2-pole	IVB WKF 10–2	Z7.283.8227.0	10
Cover with warning symbol over 4 blocks	yellow	ADF 10/4 GELB	04.343.6453.8	10
for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

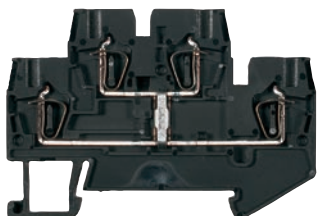
- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II  II 2GD
Follow the EX installation instructions on page 170





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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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			
Accessories				
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
	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
Marking tag carrier, 2-fold		BT 4/2	04.243.0953.0	100


WKF 1,5 E2/VB/35

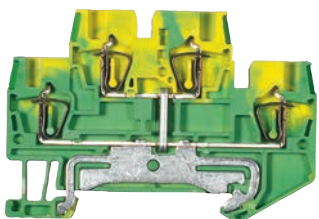
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm²
- Ex e II  II 2GD
Follow the EX installation instructions on page 170





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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
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			
Accessories				
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
	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
Marking tag carrier, 2-fold		BT 4/2	04.243.0953.0	100

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  II 2GD
Follow the EX installation instructions on page 170




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  KEMA 03 ATEX 2056 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section solid/stranded	0.08–1.5 mm ²			0.14–1.5 mm ²
Cross section, AWG		26–14	26–14	
Rated current				
Rated voltage	500 V	300 V	300 V	²⁾
Rated impulse voltage	6 kV			
Pollution degree	3			
Accessories				
End plate	gray	APF 1,5 E2	07.312.8753.0	10
Partition	gray	TWF 1,5 E2	07.312.8853.0	10
Wire entry guide	0.13–0.2 mm ²	LEL 1,5/1 WEISS	05.564.4253.0	10
	0.25–0.5 mm ²	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
Marking tag carrier, 2-fold		BT 4/2	04.243.0953.0	100

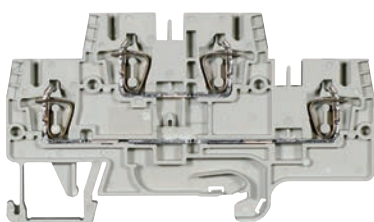
¹⁾ Rated current when using cross connectors

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.







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  II 2GD IM2
Follow the EX installation instructions on page 170




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

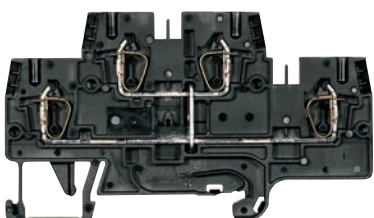
General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 04 ATEX 1051 U			
Technical data	IEC	UL	CSA	Ex
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm ²			0.2–2.5 mm ²
Cross section solid/stranded	0.13–4 mm ²			0.13–4 mm ²
Cross section, AWG		22–12	24–12	
Rated current	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  II 2GD IM2
Follow the EX installation instructions on page 170

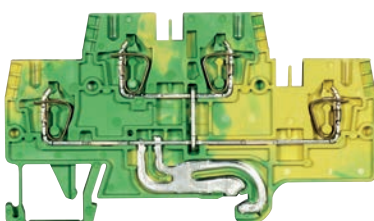


Description	Type	Part No.	Std. Pack
Multi-tier block	black	WKFN 2,5 E/VB/35	56.703.6955.1







General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB       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	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  II 2GD IM2
Follow the EX installation instructions on page 170



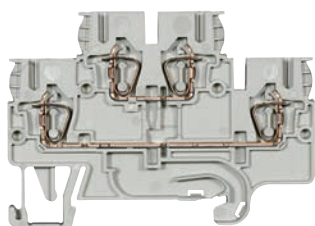
Description	Type	Part No.	Std. Pack
Ground block	green/yellow	WKFN 2,5 E/SL/35	56.703.8955.0

General data				
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB       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			

Multi-tier blocks with tension spring connection

WKFN 2,5 E-K

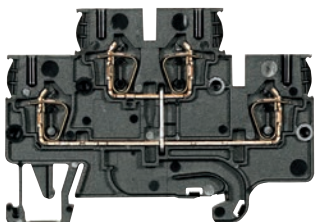
- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Multi-tier block	gray	WKFN 2,5 E-K	56.703.4755.0
General data			
Width / length / height, incl. TS 7.5	5 mm / 68 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1	pending	pending
Cross section fine-stranded	0.13–2.5 mm ²		
Cross section solid/stranded	0.13–4 mm ²		
Cross section, AWG			
Rated current	24 A		
Rated voltage	500 V		
Rated impulse voltage	6 kV		
Pollution degree	3		

WKFN 2,5 EVB-K

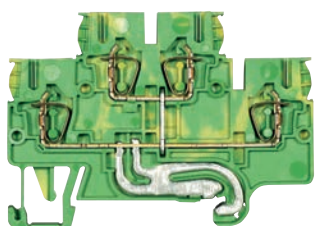
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Multi-tier block	black	WKFN 2,5 EVB-K	56.703.4855.1
General data			
Width / length / height, incl. TS 7.5	5 mm / 68 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1	pending	pending
Cross section fine-stranded	0.13–2.5 mm ²		
Cross section solid/stranded	0.13–4 mm ²		
Cross section, AWG			
Rated current	24 A		
Rated voltage	500 V		
Rated impulse voltage	6 kV		
Pollution degree	3		

WKFN 2,5 ESL-K

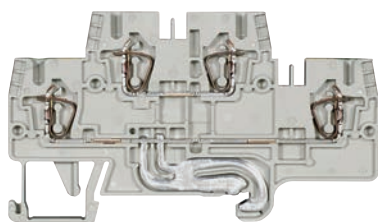
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Ground block	green/yellow	WKFN 2,5 ESL-K	56.703.4955.0
General data			
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 68 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-2	pending	pending
Cross section fine-stranded	0.13–2.5 mm ²		
Cross section solid/stranded	0.13–4 mm ²		
Cross section, AWG			
Rated current			
Rated voltage	500 V		
Rated impulse voltage	6 kV		
Pollution degree	3		

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
Multi-tier block, combined	gray	WKFN 2,5 E/N/SL/35	56.703.7755.0

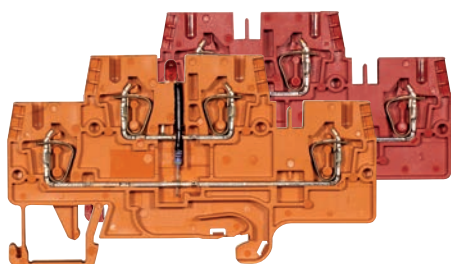
General data			
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	0.13–2.5 mm ²		
Cross section solid/stranded	0.13–4 mm ²		
Cross section, AWG		22–12	24–12
Rated current	24 A	20 A	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
Multi-tier function block	orange	WKFN 2,5 E.../35	56.703.XX55.9

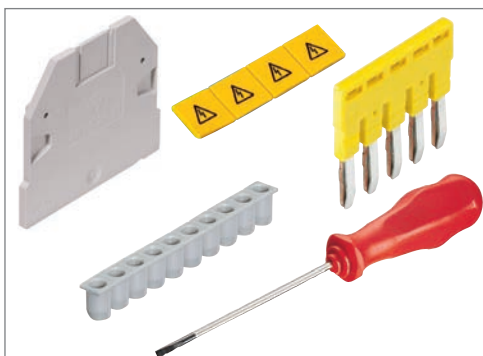
General data			
Width / length / height, incl. TS 7.5	5 mm / 82 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
Cross section, AWG		22–12	24–12

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/...

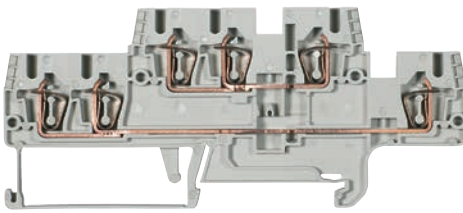


Accessories	Type	Part No.	Std. Pack
End plate	gray	APFN 2,5 E	07.312.7355.0
Partition	gray	WFN 2,5 E	07.312.7455.0
Cross connector, insulated	2-pole	IVB WKF 2,5–2	Z7.280.6227.0
	3-pole	IVB WKF 2,5–3	Z7.280.6327.0
	4-pole	IVB WKF 2,5–4	Z7.280.6427.0
	5-pole	IVB WKF 2,5–5	Z7.280.6527.0
	10-pole	IVB WKF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








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  II 2GD IM2
Follow the EX installation instructions on page 170

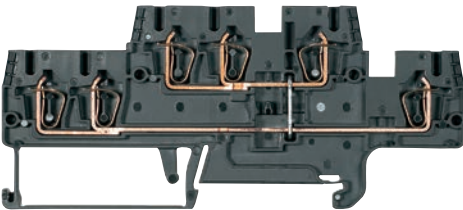


Description	Type	Part No.	Std. Pack
Multi-tier block	gray	WKFN 2,5 E1/2/35	56.703.6055.0
Multi-tier block, combined	gray	WKFN 2,5 E1/2/N/D/35	56.703.6355.0








General data				
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 04 ATEX 1051 U			
Technical data	IEC	UL	CSA	
	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	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  II 2GD IM2
Follow the EX installation instructions on page 170




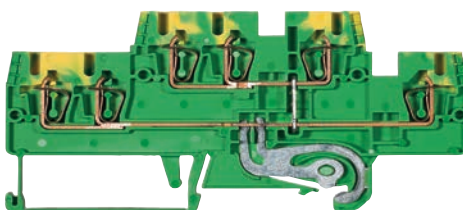
Description	Type	Part No.	Std. Pack
Multi-tier block	black	WKFN 2,5 E1/2/VB/35	56.703.5955.1

General data				
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 04 ATEX 1051 U			
Technical data	IEC	UL	CSA	
	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	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  II 2GD IM2
Follow the EX installation instructions on page 170

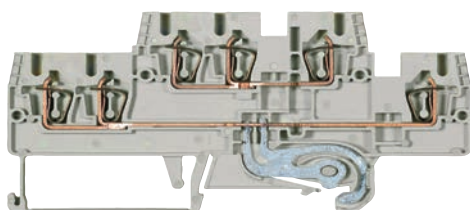


Description	Type	Part No.	Std. Pack
Ground block	green/yellow	WKFN 2,5 E1/2/SL/35	56.703.6255.0

General data				
Width / length / height, incl. TS 7.5	5 mm / 107 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB       PTB 04 ATEX 1051 U			
Technical data	IEC	UL	CSA	
	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			

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
Multi-tier block, combined	gray	WKFN 2,5 E1/2/N/SL/35	56.703.6455.0
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 mm ²		
Cross section solid/stranded	0.13–4 mm ²		
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/...

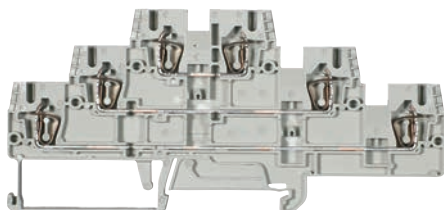






Accessories	Type	Part No.	Std. Pack
End plate	gray	APFN 2,5 E1/2	07.312.7755.0
Partition	gray	TWFN 2,5 E1/2	07.312.7855.0
Cross connector, insulated	2-pole	IVB WKF 2,5–2	Z7.280.6227.0
	3-pole	IVB WKF 2,5–3	Z7.280.6327.0
	4-pole	IVB WKF 2,5–4	Z7.280.6427.0
	5-pole	IVB WKF 2,5–5	Z7.280.6527.0
	10-pole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

Multi-tier terminal blocks with tension spring connection


WKFN 2,5 E3/35

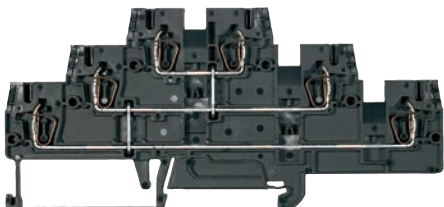
- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170







Description	Type	Part No.	Std. Pack
Multi-tier block	gray	WKFN 2,5 E3/35	56.703.3055.0
General data			
Width / length / height, incl. TS 7.5	5 mm / 123 mm / 59 mm		
Wire strip length	11 mm		
Approvals	PTB     PTB 04 ATEX 1051 U		
Technical data	IEC	UL	CSA
	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	19/20 A ¹⁾
Rated voltage	500 V	300 V	300 V
Rated impulse voltage	6 kV		440/275 V ²⁾
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

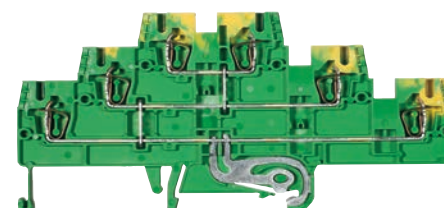
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170







Description	Type	Part No.	Std. Pack
Multi-tier block	black	WKFN 2,5 E3/VB/35	56.703.2955.1
General data			
Width / length / height, incl. TS 7.5	5 mm / 123 mm / 59 mm		
Wire strip length	11 mm		
Approvals	PTB     PTB 04 ATEX 1051 U		
Technical data	IEC	UL	CSA
	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	20/21 A ¹⁾
Rated voltage	500 V	600 V	600 V
Rated impulse voltage	6 kV		440 V
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 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170

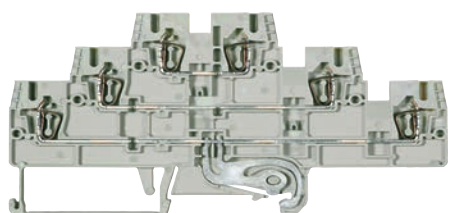


Description	Type	Part No.	Std. Pack
Multi-tier ground block	green/yellow	WKFN 2,5 E/SL/35	56.703.8855.0
General data			
Width / length / height, incl. TS 7.5	5 mm / 123 mm / 59 mm		
Wire strip length	11 mm		
Approvals	PTB     PTB 04 ATEX 1051 U		
Technical data	IEC	UL	CSA
	EN 60 947-7-2		EN 60 079-0/-7
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		

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



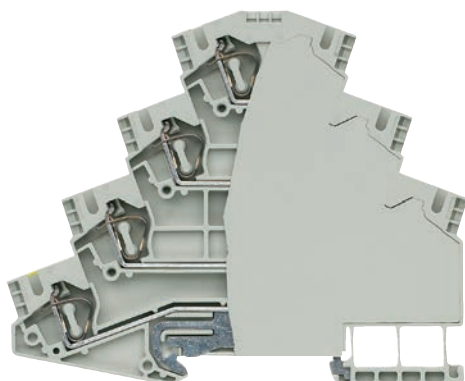
Description	Type	Part No.	Std. Pack
Multi-tier block	gray	WKFN 2,5 E3/D/D/SL/35	56.703.3355.0
Multi-tier block	gray	WKFN 2,5 E3/N/D/SL/35	56.703.3255.0

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 mm ²		
Cross section solid/stranded	0.13–4 mm ²		
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			WKFN 2,5 E3/D/D/SL/35		
Block color: gray			Block color: gray		
	Function	Color ID		Function	Color ID
Upper tier	Feed-through	blue	Upper tier	Feed-through	gray
Center tier	Feed-through	gray	Center tier	Feed-through	gray
Lower tier	Ground conductor	green/yellow	Lower tier	Ground conductor	green/yellow

WKF 4 3D/SL

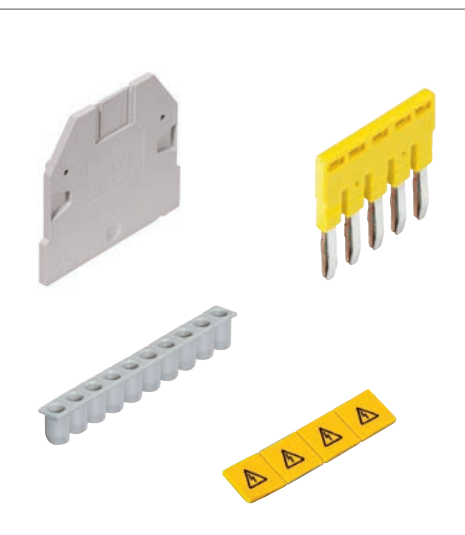
- Motor connection block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



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

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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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/...

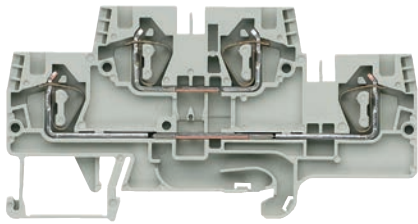


Accessories	Type	Part No.	Std. Pack
End plate	gray	APFN 2,5 E3	07.312.7555.0
Partition	gray	TWFN 2,5 E3	07.312.7655.0
Cross connector, insulated	2-pole	IVB WKF 2,5–2	Z7.280.6227.0
	3-pole	IVB WKF 2,5–3	Z7.280.6327.0
	4-pole	IVB WKF 2,5–4	Z7.280.6427.0
	5-pole	IVB WKF 2,5–5	Z7.280.6527.0
	10-pole	IVB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

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 Ⓜ II 2GD IM2
Follow the EX installation instructions on page 170



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

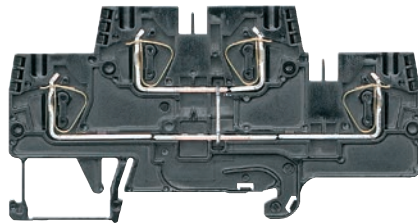
General data				
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB EN IEC UL CSA PTB 05 ATEX 1104 U			
Technical data				
	IEC	UL	CSA	Ⓜ
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm ²			0.13–4 mm ²
Cross section solid/stranded	0.13–6 mm ²			0.2–6 mm ²
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 Ⓜ II 2GD IM2
Follow the EX installation instructions on page 170

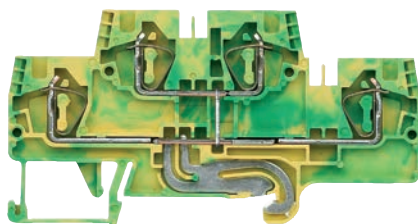


Description	Type	Part No.	Std. Pack	
Multi-tier block	black	WKFN 4 E/VB/35	56.704.6955.1	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB EN IEC UL CSA PTB 05 ATEX 1104 U			
Technical data				
	IEC	UL	CSA	Ⓜ
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm ²			0.13–4 mm ²
Cross section solid/stranded	0.13–6 mm ²			0.2–6 mm ²
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 Ⓜ II 2GD IM2
Follow the EX installation instructions on page 170



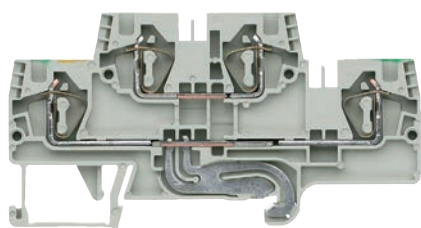
Description	Type	Part No.	Std. Pack	
Multi-tier ground block	green/yellow	WKFN 4 E SL/35	56.704.9255.0	100

General data				
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm			
Wire strip length	11 mm			
Approvals	PTB EN IEC UL CSA PTB 05 ATEX 1104 U			
Technical data				
	IEC	UL	CSA	Ⓜ
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–4 mm ²			0.13–4 mm ²
Cross section solid/stranded	0.13–6 mm ²			0.2–6 mm ²
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			

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 Ⓜ II 2GD IM2
Follow the EX installation instructions on page 170



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 mm ²		
Cross section solid/stranded	0.13–6 mm ²		
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		

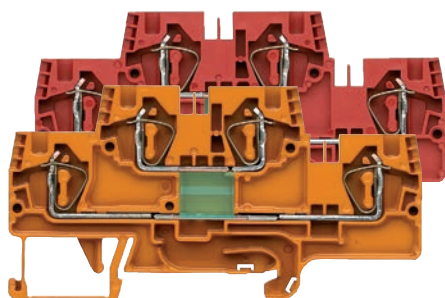
WKFN 4 E/D/SL/35 Block color: gray **WKFN 4 E/N/SL/35** Block color: gray

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

	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

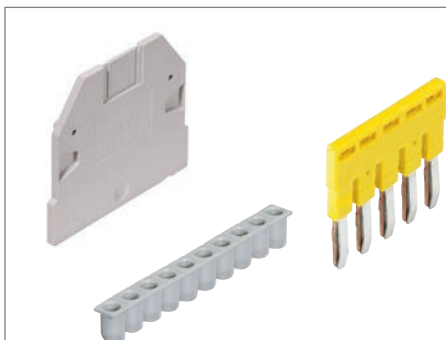
General data			
Width / length / height, incl. TS 7.5	6 mm / 90 mm / 48 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 4 mm ²		
Cross section solid/stranded	0.13 – 6 mm ²		
Cross section, AWG		24–10	24–10

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					
56.704.8255.5		I = 1 A U = 1000 V	56.704.7455.9 LED red		R = 4.7 kΩ P = 0.5 W U = 24 V DC
56.704.7155.5 56.704.7155.9			56.704.7255.5 LED red		R = 4.7 kΩ P = 0.5 W U = 24 V DC
56.704.8055.9		I = 1 A U = 1000 V	56.704.8355.5		R = 680 kΩ P = 0.25 W U = 100-500 V

Accessories for fasis WKFN 4 E/...

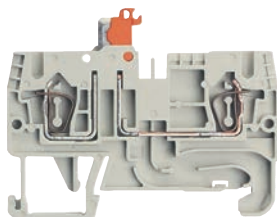


Accessories	Type	Part No.	Std. Pack	
End plate	gray	APFN 4 E...	07.312.9655.0	10
Partition	gray	TWFN 4 E...	07.312.9755.0	10
Cross connector, insulated	2-pole	IVB WKF 4–2	Z7.261.1227.0	10
	3-pole	IVB WKF 4–3	Z7.261.1327.0	10
	4-pole	IVB WKF 4–4	Z7.261.1427.0	10
	5-pole	IVB WKF 4–5	Z7.261.1527.0	10
	6-pole	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
Wire entry guide	0.13–0.2 mm ²	LEL 4/1 WEISS	05.561.8553.0	100
	0.25–0.5 mm ²	LEL 4/2 GRAU	05.561.8653.0	100
	0.75–1.0 mm ²	LEL 4/3 SCHWARZ	05.561.8753.0	100

Knife disconnect terminal blocks with tension spring connection

WKFN 2,5 TKM/35

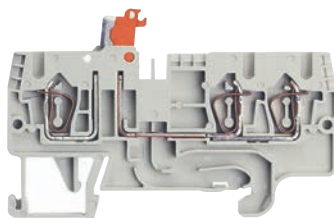
- Knife disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



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 mm ²			
Cross section solid/stranded	0.2 – 4 mm ²			
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				
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

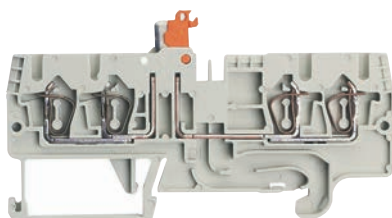
- Duo knife disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



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 mm ²			
Cross section solid/stranded	0.2 – 4 mm ²			
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				
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 knife disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²

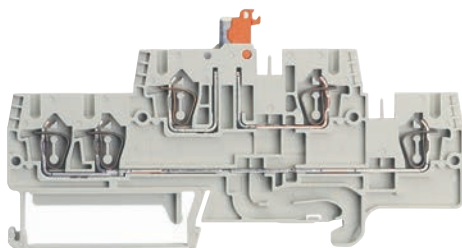


Description	Type	Part No.	Std. Pack	
Disconnect terminal block	gray	WKFN 2,5 TKM 2/2/35	56.703.5555.0	100
General data				
Width / length / height, incl. TS 7.5	5 mm / 85 mm / 38 mm			
Wire strip length	11 mm			
Approvals				
Technical data	IEC	UL	CSA	
	EN 60947-7-1			
Cross section fine-stranded	0.14 – 2.5 mm ²			
Cross section solid/stranded	0.2 – 4 mm ²			
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				
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

Multi-tier disconnect terminal blocks with tension spring connection

WKFN 2,5 TKM E1/35

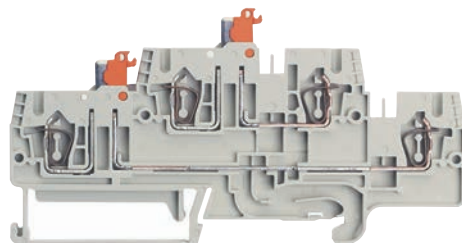
- Multi-tier disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



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 mm ²			
Cross section solid/stranded	0.2 – 4 mm ²			
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				
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 mm ²			
Cross section solid/stranded	0.2 – 4 mm ²			
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				
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...

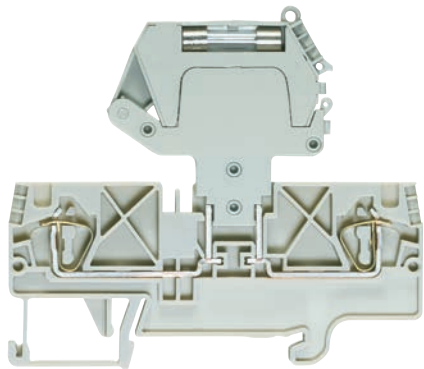


Accessories	Type	Part No.	Std. Pack	
Cross connector, insulated	2-pole	IVB WKF 2,5–2	Z7.280.6227.0	10
	3-pole	IVB WKF 2,5–3	Z7.280.6327.0	10
	4-pole	IVB WKF 2,5–4	Z7.280.6427.0	10
	5-pole	IVB WKF 2,5–5	Z7.280.6527.0	10
	6-pole	IVB WKF 2,5–6	Z7.280.6627.0	10
	7-pole	IVB WKF 2,5–7	Z7.280.6727.0	20
	8-pole	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 mm ²	LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25–0.5 mm ²	LELN 2,5/2 GRAU	05.564.3855.0	100
	0.75–1.0 mm ²	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

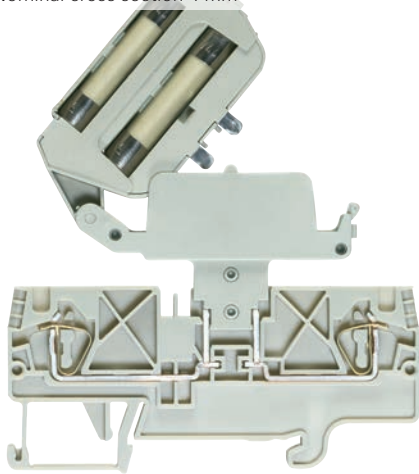


Description	Type	Part No.	Std. Pack	
Disconnect block	gray	WKFN 4 TKG/35	56.704.4055.0	100
Fuse disconnect lever		THSi 5x20	Z1.298.1053.0	10
Fuse disconnect lever with LED 12–24 V ²⁾		THSi 5x20 LED24	Z1.298.1153.0	10
Fuse disconnect lever with LED 24–60 V ²⁾		THSi 5x20 LED60	Z1.298.1253.0	10
Fuse disconnect 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 mm ²			
Cross section solid/stranded	0.13–6 mm ²			
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				
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 mm ²			
Cross section solid/stranded	0.13–6 mm ²			
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				
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)

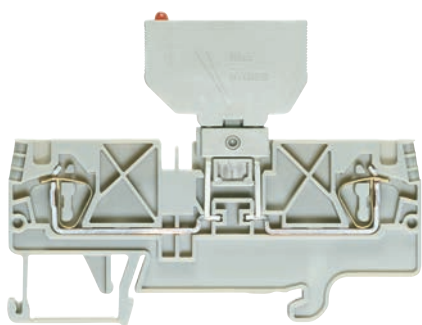
Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
THSi 5x20	250 V	1.6 W	1.6 W	4.0 W	2.5 W
THSi 6,3x32	500 V	2.5 W	1.6 W	4.0 W	2.5 W

Accessories					
Description	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 mm ²	LEL 4/1 WEISS	05.561.8553.0	100
		0.25–0.5 mm ²	LEL 4/2 GRAU	05.561.8653.0	100
0.75–1.0 mm ²		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.

WKFN 4 TKG with SiST

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



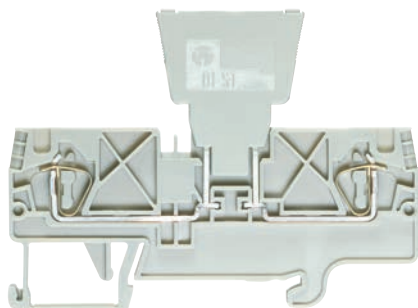
Description	Type	Part No.	Std. Pack	
Disconnect block	gray	WKFN 4 TKG/35	56.704.4055.0	100
Fuse holder for fuse 5 x 20		Si ST	Z1.299.4055.0	10
Fuse holder with indicator (24 V) ²⁾		Si ST LED	Z1.299.4155.0	10
Fuse holder with indicator (220 V) ²⁾		Si ST GL	Z1.299.4255.0	10

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 mm ²		
Cross section solid/stranded	0.13–6 mm ²		
Cross section, AWG			
Rated current	1) ¹⁾	24–10	22–10
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 mm ²		
Cross section solid/stranded	0.13–6 mm ²		
Cross section, AWG			
Rated current	1) ¹⁾	24–10	22–10
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 Cathode³⁾
Cathode Anode⁴⁾

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 mm ²	LEL 4/1 WEISS	05.561.8553.0
0.25–0.5 mm ²		LEL 4/2 GRAU	05.561.8653.0	100
0.75–1.0 mm ²		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, unisulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5
Screwdriver, unisulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

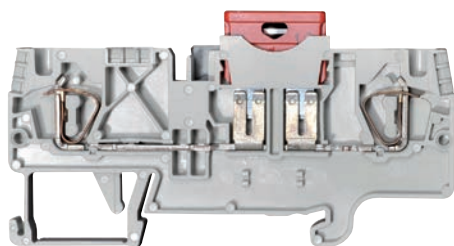
Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangement	Group arrangement	Single arrangement	Group arrangement
SiST	250 V	1.6 W	1.6 W	2.5 W	1.6 W

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)

Fuse blocks with tension spring connection

WKFN 4 FSI

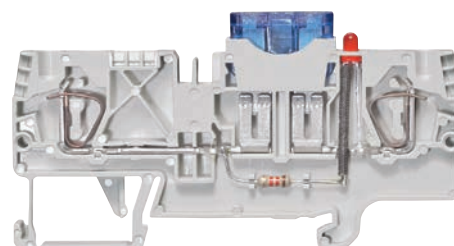
- Fuse block for automobile fuses for mounting on TS 35
- Nominal cross section 4 mm²



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 mm ²			
Cross section solid/stranded	0.13 – 6 mm ²			
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				
End plate	gray	APFN 4 D2/2	07.312.9055.0	10
Partition, 4mm 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 mm ²			
Cross section solid/stranded	0.13 – 6 mm ²			
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				
End plate	gray	APFN 4 D2/2	07.312.9055.0	10
Partition, 4mm 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:

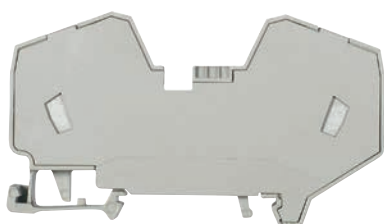




Description	Color	
Blade-type automobile fuse, DC 32 V	black	1 A
Electrotechnical specialized trade	gray	2 A
Motor vehicle accessory market	violet	3 A
	pink	4 A
	beige	5 A
	brown	7.5 A
	red	10 A
	blue	15 A
	yellow	20 A
Thermal circuit breaker, DC 32 V		5 A
ETA*, type 1610-21 or		6 A
ETA*, type 1610-H2 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

Supply terminal

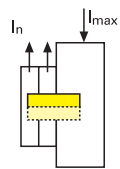
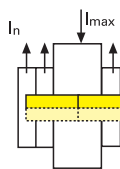
WKF 16/35 PV/WKFN

- Supply terminal for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 170



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	 KEMA 01 ATEX 2087 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-3			EN 60 079-0/-7
Cross section fine-stranded	4–16 mm ²			4–16 mm ²
Cross section solid/stranded	4–16 mm ²			4–16 mm ²
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				
	one side		both sides	
Jumpering	single	double	single	double
IVB WKF 4...				
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 mm ²	LEL 4/1 WEISS	05.561.8553.0
0.25–0.5 mm ²		LEL 4/2 GRAU	05.561.8653.0	100
0.75–1.0 mm ²		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

fasis CON

DIN rail terminal blocks with plug-in connection

The system

- Rated current up to 32 A
- Connection cross-section 4 mm²
- Width 5 mm

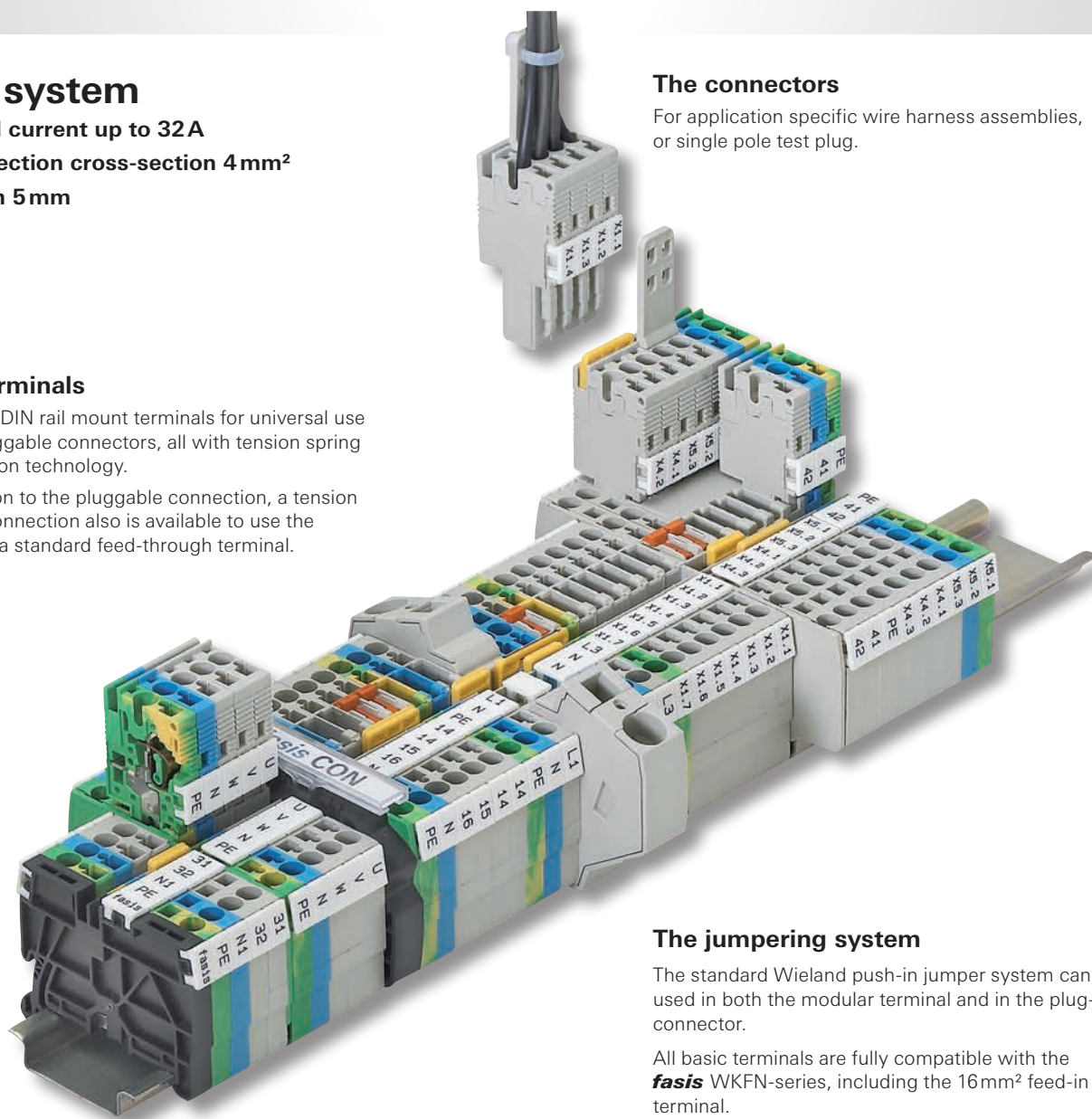
The terminals

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 connectors

For application specific wire harness assemblies, or single pole test plug.



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.

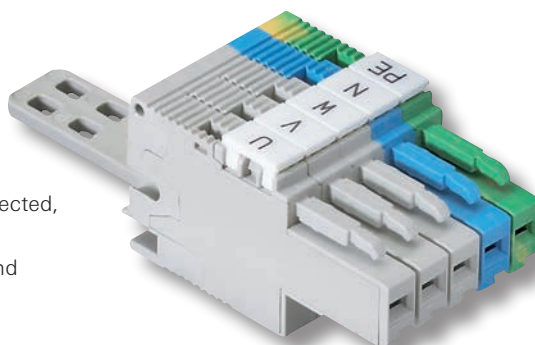
The labeling system

All termination points can be clearly labeled using the standard Wieland labeling system.

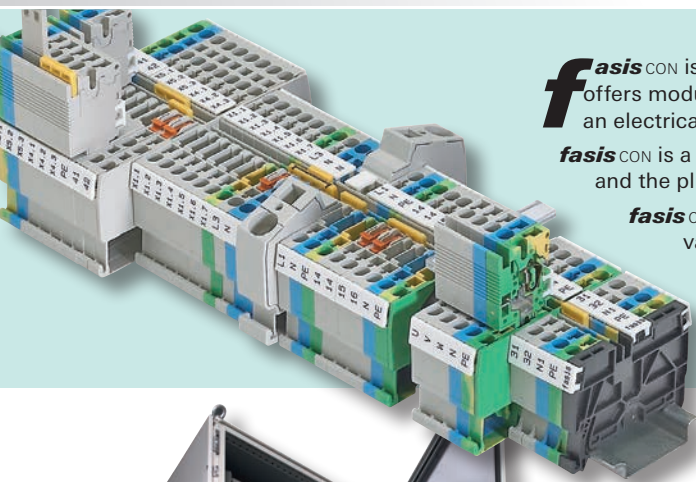
Integrated safety

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

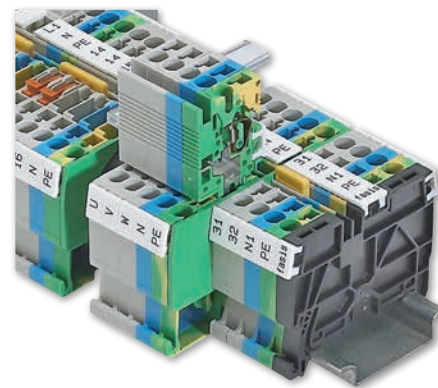


fasis CON is a DIN rail terminal block system with a pluggable outgoing feeder, which offers modular, cost-saving solutions with advantages in every phase of the service life of an electrical system.

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.

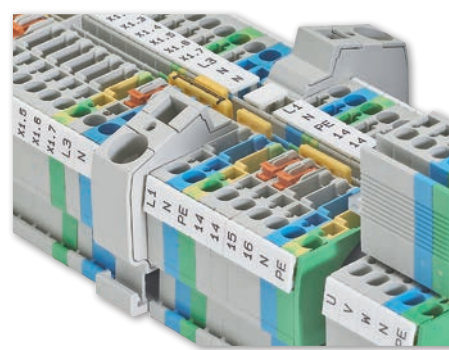
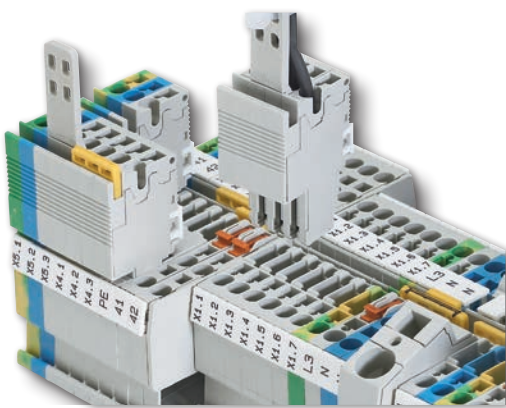


Cost-effective

- 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 32A*
- Rated voltage 500V
- 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

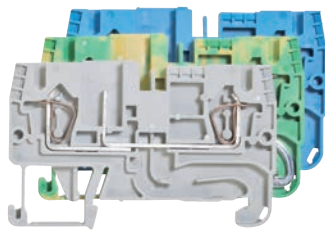
- Uniform accessories
- Coded to prevent mismating
- All components can be jumpered
- Comprehensive and clear labeling
- Can be combined with **fasis** WKFN

* Observe the derating curve, available in our online-catalog at <https://eshop.wieland-electric.com>

DIN rail terminal blocks with plug-in connection

WKFN 2,5 F/P/F

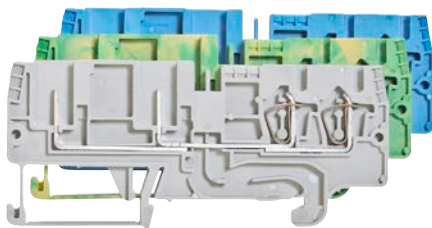
- DIN rail terminal blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm²



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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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			
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

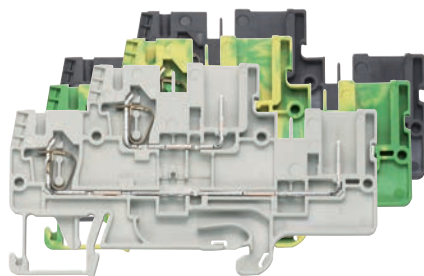
- DIN rail terminal blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm²



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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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			
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

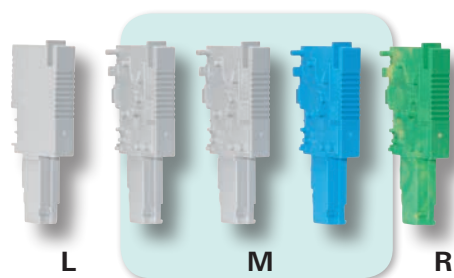


Description	Type	Part No.	Std. Pack
Multi-tier block E/F/P	gray	WKFN 2,5 E/F/P	56.703.3455.0 100
Multi-tier block, vertically connected	black	WKFN 2,5 E/VB/F/P	56.703.3555.1 100
Multi-tier ground block	green/yellow	WKFN 2,5 E/F/P/SL	56.703.3655.0 100
General data			
Width / length / height, incl. TS 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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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			
End plate	gray	APFN 2,5 E	07.312.7355.0 10
Partition	gray	TWFN 2,5 E	07.312.7455.0 10

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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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			
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...

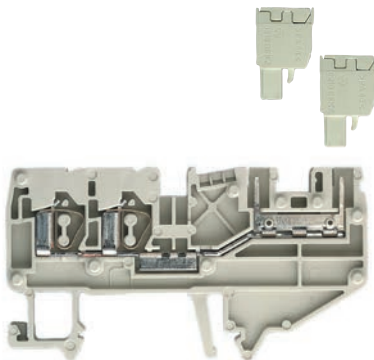


Accessories	Type	Part No.	Std. Pack
Cross connector, insulated, for			
2 blocks	IVB WKF 2,5-2	Z7.280.6227.0	10
3 blocks	IVB WKF 2,5-3	Z7.280.6327.0	10
4 blocks	IVB WKF 2,5-4	Z7.280.6427.0	10
5 blocks	IVB WKF 2,5-5	Z7.280.6527.0	10
6 blocks	IVB WKF 2,5-6	Z7.280.6627.0	10
7 blocks	IVB WKF 2,5-7	Z7.280.6727.0	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 mm ²	LELN 2,5/1 WEISS	05.564.3755.0	100
0.25–0.5 mm ²	LELN 2,5/1 GRAU	05.564.3855.0	100
0.75–1.0 mm ²	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
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

DIN rail terminal blocks with tension spring and pluggable connections

WKF 2,5 D2/8113/35

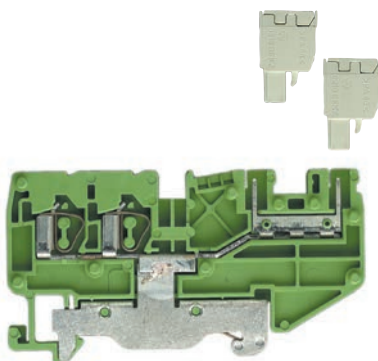
- Duo feed-through block for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Duo feed-through block	gray	WKF 2,5 D2/8113/35	56.703.2053.0
Duo feed-through block	blue	WKF 2,5 D2/8113/35 BLAU	56.703.2053.6
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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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			
End plate	gray	APF 2,5/D2/8113	07.312.4153.0
End plate	blue	APF 2,5/D2/8113	07.312.4153.6
Wire entry guide	0.13–0.2 mm ²	LEL 2,5/1 WEISS	05.561.6553.0
	0.25–0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0
	0.75–1.0 mm ²	LEL 2,5/3 SCHWARZ	05.561.6753.0
Cover with warning symbol over 4 blocks		ADF 2,5/4 GELB	04.343.6053.8

WKF 2,5 D2/8113/SL/35

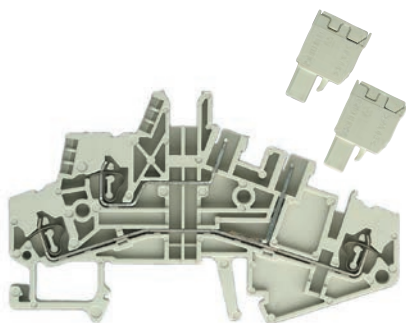
- Duo-ground block for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Duo-ground block	green/yellow	WKF 2,5 D2/8113 SL/35	56.703.9253.0
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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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			
End plate	gray	APF 2,5/D2/8113	07.312.4153.0
Wire entry guide	0.13–0.2 mm ²	LEL 2,5/1 WEISS	05.561.6553.0
	0.25–0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0
	0.75–1.0 mm ²	LEL 2,5/3 SCHWARZ	05.561.6753.0
Cover with warning symbol over 4 blocks		ADF 2,5/4 GELB	04.343.6053.8

WKF 1,5 E/8113/35

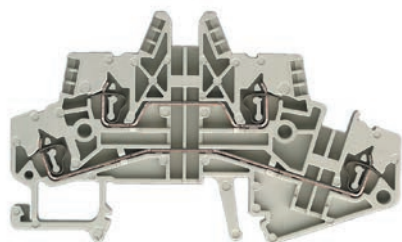
- Multi-tier block for mounting on TS 35
- Nominal cross section 1.5 mm²



Description	Type	Part No.	Std. Pack
Multi-tier block	gray	WKF 1,5 E/8113/35	56.702.2053.0
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 mm ²		
Cross section solid/stranded	0.13 – 2.5 mm ²		
Cross section, AWG		22–12	24–12
Rated current	16 A		
Rated voltage	250 V		
Rated impulse voltage	4 kV		
Pollution degree	3		
Accessories			
End plate	gray	APF 1,5/E/8113	07.312.4753.0
Wire entry guide	0.13–0.2 mm ²	LEL 1,5/1 WEISS	05.562.2453.0
	0.25–0.5 mm ²	LEL 1,5/2 GRAU	05.562.2553.0
	0.75–1.0 mm ²	LEL 1,5/3 SCHWARZ	05.562.2653.0
Cover with warning symbol over 4 blocks		ADF 1,5/4 GELB	04.343.8353.8

WKF 1,5 E/35

- Multi-tier block for mounting on TS 35
- Nominal cross section 1.5 mm²

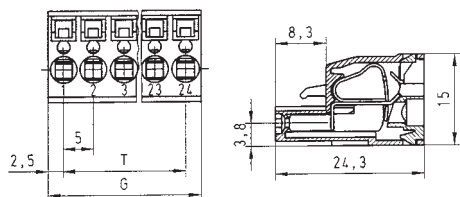


Description	Type	Part No.	Std. Pack	
Multi-tier block	gray	WKF 1,5 E/35	56.702.7053.0	100
General data				
Width / length / height, incl. TS 7.5	5 mm / 83 mm / 51 mm			
Wire strip length	8 mm			
Approvals				
Technical data	IEC	UL	CSA	
	EN 60947-7-1			
Cross section fine-stranded	0.13 – 1.5 mm ²			
Cross section solid/stranded	0.13 – 2.5 mm ²			
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				
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 mm ²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm ²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm ²	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



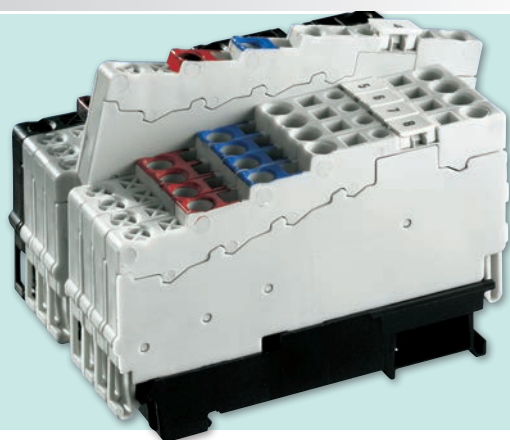
G	T	Pole	Part No.	Part No.	Std. Pack
5 mm spacing			unmarked	marked	
10.00	5.00	2	25.920.3253.0	25.920.0253.0	100
15.00	10.00	3	25.920.3353.0	25.920.0353.0	100
20.00	15.00	4	25.920.3453.0	25.920.0453.0	50
25.00	20.00	5	25.920.3553.0	25.920.0553.0	50
30.00	25.00	6	25.920.3653.0	25.920.0653.0	50
35.00	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 mm ²				
Cross section solid/stranded	0.13 – 4 mm ²				
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

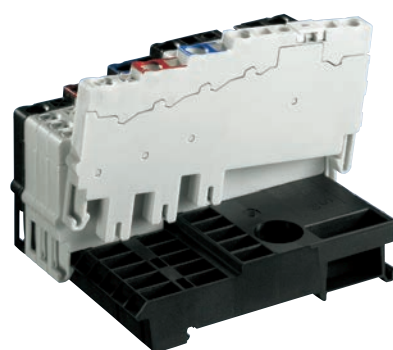
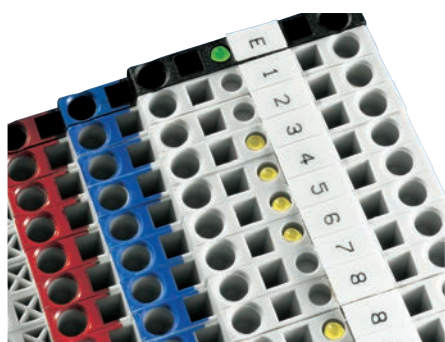
Initiator and actuator blocks with tension spring connection



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.

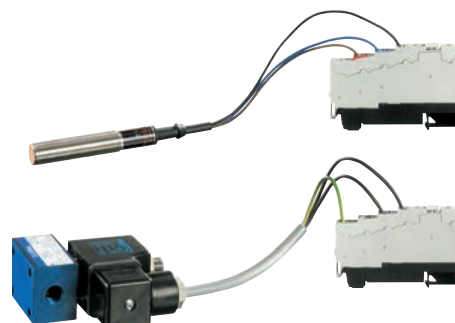


System features and benefits

- 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.

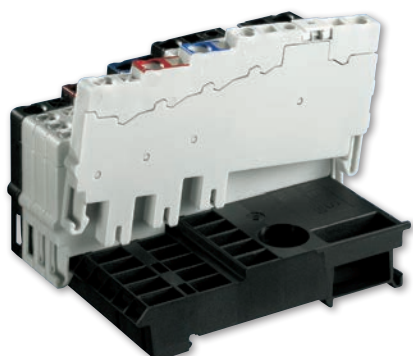


Service-friendly operation

- 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.



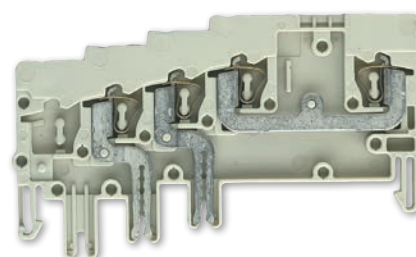
Marking system: All clamping points marked clearly

- 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 **wieplot** marking system.



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 140



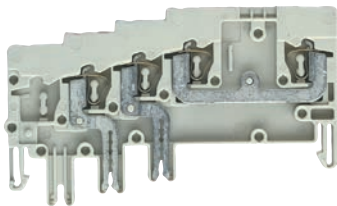
Materials: High-quality materials

- 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

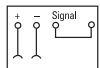
Initiator and actuator blocks with tension spring connection

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 mm ²		
Cross section solid/stranded	0.13 – 1.5 mm ²		
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			

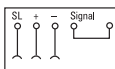
Accessories				
Wire entry guide	0.13–0.2 mm ²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm ²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm ²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5

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



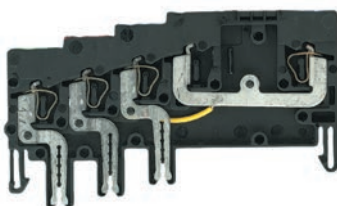
Description	Type	Part No.	Std. Pack	
Initiator block	gray	WKF 1,5 KOI 3L/SL	37.702.7553.0	50
Initiator block with LED	gray	WKF 1,5 KOI 3L/SL-PGE	37.702.8553.0	50

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 mm ²		
Cross section solid/stranded	0.13 – 1.5 mm ²		
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			

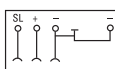
Accessories				
Wire entry guide	0.13–0.2 mm ²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm ²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm ²	LEL 1,5/3 SCHWARZ	05.562.2653.0	100
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	5

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



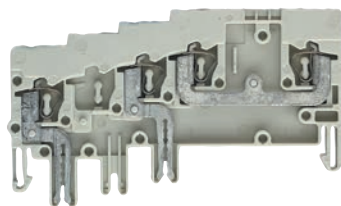
Description	Type	Part No.	Std. Pack	
Supply block	black	WKF 1,5 KOE	37.702.7753.0	50
Supply block with LED	black	WKF 1,5 KOE-PGN	37.702.8753.0	50

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 mm ²		
Cross section solid/stranded	0.13 – 1.5 mm ²		
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				
Wire entry guide	0.13–0.2 mm ²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm ²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm ²	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 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



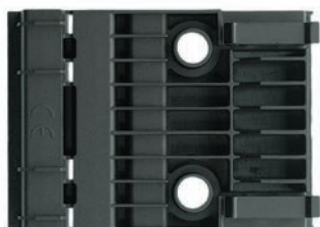
Description	Type	Part No.	Std. Pack	
Actuator block	gray	WKF 1,5 KOA 2L	37.702.7653.0	50
Actuator block with LED	gray	WKF 1,5 KOA 2L/SL-PGE	37.702.8653.0	50

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 mm ²		
Cross section solid/stranded	0.13 – 1.5 mm ²		
Cross section, AWG	28–16		
Rated current	10 A		
Rated voltage	*		
Rated impulse voltage	65 V		
Pollution degree			

Accessories		Type	Part No.	Std. Pack
Wire entry guide	0.13–0.2 mm ²	LEL 1,5/1 WEISS	05.562.2453.0	100
	0.25–0.5 mm ²	LEL 1,5/2 GRAU	05.562.2553.0	100
	0.75–1.0 mm ²	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

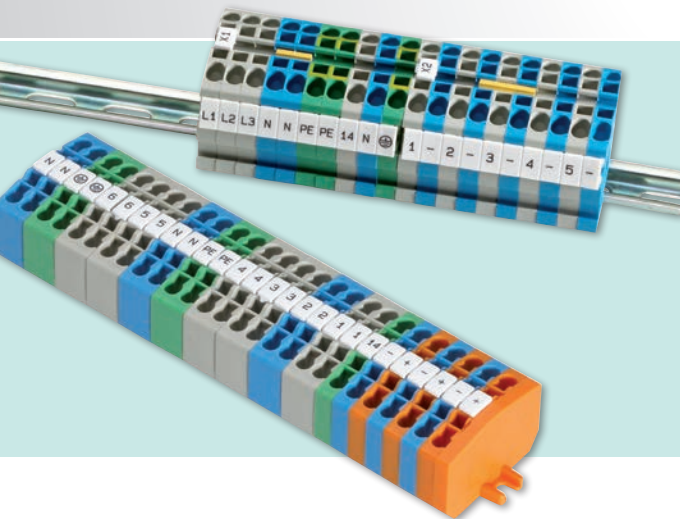


Description	Type	Part No.	Std. Pack	
Connection module for 9 blocks	black	VM WKF KO..9	69.700.0953.0	10
Connection module for 18 blocks	black	VM WKF KO..18	69.700.1853.0	5

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 mm ²		
Cross section solid/stranded	0.13 – 1.5 mm ²		
Cross section, AWG			
Rated current	10 A		
Rated voltage	*		
Rated impulse voltage	65 V		
Pollution degree			

fasis MINI

DIN rail terminal blocks with tension spring connection

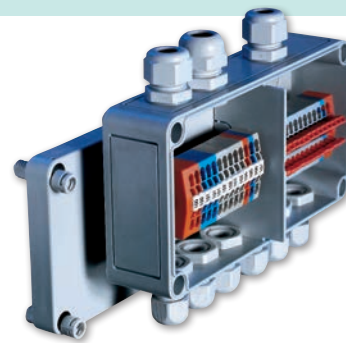


With our DIN rail terminal block system **fasis** MINI we focus on the application's size and flexibility. **fasis** MINI is a range of DIN rail terminal blocks in tension spring technology designed for installation in confined spaces.

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.



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.

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 **wiemarc**.




Customized assembly

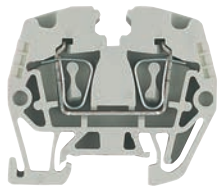
- DIN rail terminal blocks of the **fasis** MINI series are available in 2 and 4-pole configurations.
- **fasis** MINI blocks can be snapped together with the integrated latching pins, with or without a mounting rail.
- The various potentials and terminal blocks are visually distinguished by several 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.

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  II 2GD
Follow the EX installation instructions on page 170



Description	Type	Part No.	Std. Pack
Feed-through block	gray	WKMF 2,5/15	55.703.0053.0
Feed-through block	blue	WKMF 2,5/15	55.703.0053.6



General data				
Width / length / height, incl. TS 5.5	5 mm / 36 mm / 30 mm			
Wire strip length	10 mm			
Approvals	ATEX  KEMA 03 ATEX 2071 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-1			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm ²			0.5–2.5 mm ²
Cross section solid/stranded	0.13–2.5 mm ²			0.5–2.5 mm ²
Cross section, AWG		26–12	26–12	
Rated current	24 A	20 A	20 A	19/20 A ¹⁾
Rated voltage	500 V	300 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  II 2GD
Follow the EX installation instructions on page 170



Description	Type	Part No.	Std. Pack
Ground block	green/yellow	WKMF 2,5 SL/15	55.703.9053.0

General data				
Width / length / height, incl. TS 5.5	5 mm / 36 mm / 30 mm			
Wire strip length	10 mm			
Approvals	ATEX  KEMA 03 ATEX 2071 U			
Technical data	IEC	UL	CSA	
	EN 60 947-7-2			EN 60 079-0/-7
Cross section fine-stranded	0.13–2.5 mm ²			0.5–2.5 mm ²
Cross section solid/stranded	0.13–2.5 mm ²			0.5–2.5 mm ²
Cross section, AWG		26–12	26–12	
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 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
Cross connector, insulated	2-pole	IVB WKMF 2,5–2	Z7.260.0229.0
	3-pole	IVB WKMF 2,5–3	Z7.260.0329.0
	4-pole	IVB WKMF 2,5–4	Z7.260.0429.0
	5-pole	IVB WKMF 2,5–5	Z7.260.0529.0
	10-pole	IVB WKMF 2,5–10	Z7.260.1029.0
	50-pole	IVB WKMF 2,5 M50	Z7.260.0029.0
Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0
Screwdriver, uninsulated, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0

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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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 mm ²	LEL 2,5/1 WEISS	05.561.6553.0	100
Wire entry guide	0.25 – 0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0	100
Wire entry guide	0.75 – 1.0 mm ²	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

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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
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 mm ²	LEL 2,5/1 WEISS	05.561.6553.0	100
Wire entry guide	0.25–0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0	100
Wire entry guide	0.75–1.0 mm ²	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

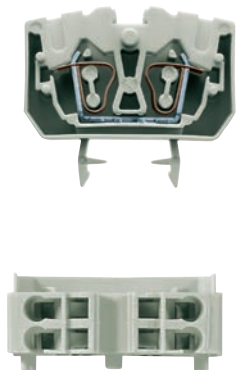


Description	Type	Part No.	Std. Pack
Feed-through block unmarked	gray	WKF 2,5/M/15	55.703.0553.0
Feed-through block unmarked	blue	WKF 2,5/M/15 BLAU	55.703.0553.6
Feed-through block unmarked	orange	WKF 2,5/M/15 ORANGE	55.703.0553.9
Feed-through block unmarked	green	WKF 2,5/M/15 GRÜN	55.703.0553.7

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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
Cross section, AWG	22 – 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
Duo feed-through block unmarked	blue	WKF 2,5/MD/15 BLAU	55.703.1053.6
Duo feed-through block unmarked	orange	WKF 2,5/MD/15 ORANGE	55.703.1053.9
Duo feed-through block unmarked	green	WKF 2,5/MD/15 GRÜN	55.703.1053.7

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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
Cross section, AWG	22 – 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/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
Feed-through block unmarked	blue	WKF 2,5/M/35 BLAU	56.703.0553.6
Feed-through block unmarked	orange	WKF 2,5/M/35 ORANGE	56.703.0553.9
Feed-through block unmarked	green	WKF 2,5/M/35 GRÜN	56.703.0553.7

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 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
Cross section, AWG	22 – 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
Duo-Feed-through block unmarked	blue	WKF 2,5/MD/35 BLAU	56.703.1053.6
Duo-Feed-through block unmarked	orange	WKF 2,5/MD/35 ORANGE	56.703.1053.9
Duo-Feed-through block unmarked	green	WKF 2,5/MD/35 GRÜN	56.703.1053.7

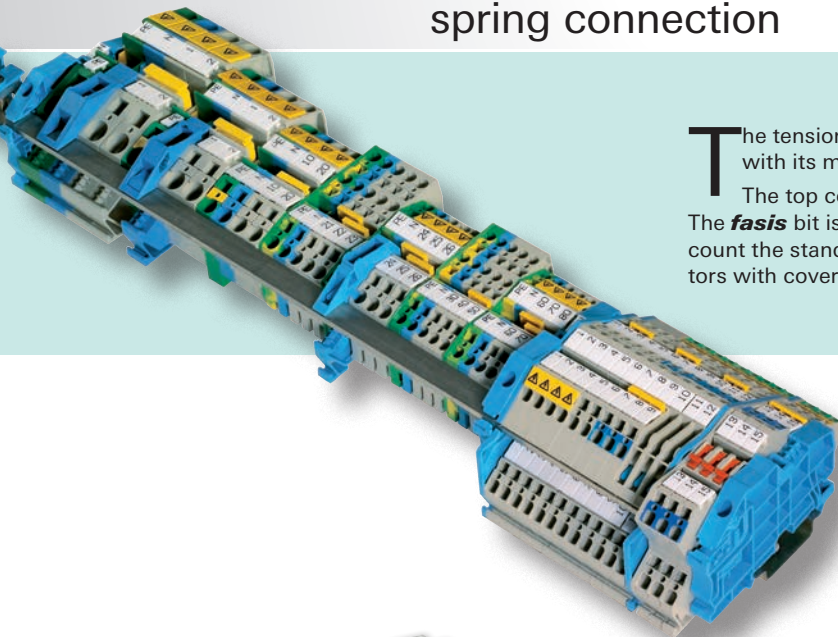
General data			
Width / length / height, incl. TS 7.5	10 mm / 36 mm / 32 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60947-7-1		
Cross section fine-stranded	0.13 – 2.5 mm ²		
Cross section solid/stranded	0.13 – 4 mm ²		
Cross section, AWG	22 – 12		
Rated current	24 A	20 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...

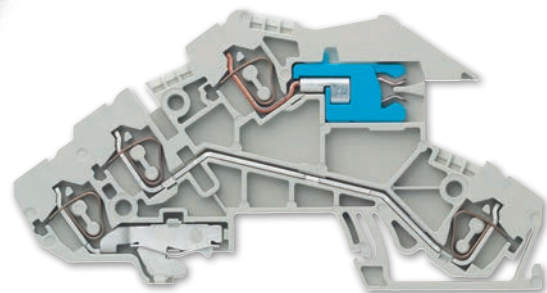
Accessories	Type	Part No.	Std. Pack
End plate	gray	APF 2,5/M...	07.312.2953.0
End plate	blue	APF 2,5/M... BLAU	07.312.2953.6
End plate	orange	APF 2,5/M... ORANGE	07.312.2953.9
Wire entry guide	0.13–0.2 mm ²	LEL 2,5/1 WEISS	05.561.6553.0
Wire entry guide	0.25–0.5 mm ²	LEL 2,5/2 GRAU	05.561.6653.0
Wire entry guide	0.75–1.0 mm ²	LEL 2,5/3 SCHWARZ	05.561.6753.0
Cross connector, insulated	2-pole		05.902.3500.0
Marking strip, unmarked	(4 x 22 pcs.)		04.244.0053.0
	marked (1–11)		04.844.2053.0
	marked (12–55)		04.844.2153.0
	marked (56–99)		04.844.2253.0
	yellow, unmarked		04.244.0053.8
Screwdriver, uninsulated	DIN 5264 B 0,6 x 3,5		06.502.4000.0

fasis BIT

DIN rail terminals for installation distribution boards with tension spring connection



The tension spring connection of the **fasis** bit series impresses users with its maintenance-free and vibration-proof connection mechanism. The top connection from above is especially suitable for tight spaces. The **fasis** bit is designed for use in distribution systems and takes into account the standardized dimensions for small distributors and field distributors with covers in accordance with DIN 43871.

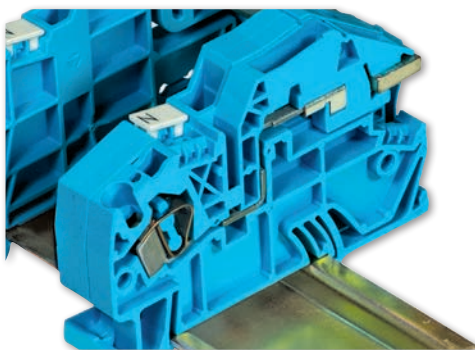


Simple testing

- Function test with modular test adapter
- Integrated test jacks in all blocks

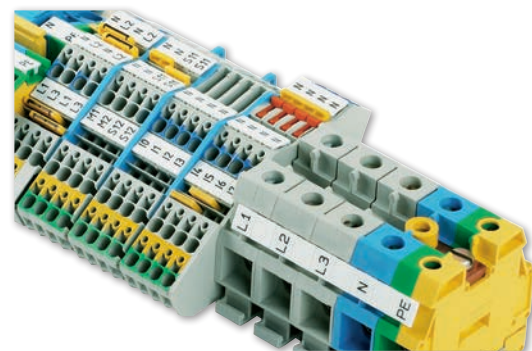
Space-saving wiring

- Clear wiring and assignment of electrical circuits through three-story design in 5 mm assembly width
- Neutral conductor, current throughput, and green conductor connection in just one terminal
- Safety and convenience through switchable N disconnect function



Convenient switching and operation

- Screwless, maintenance-free spring-force device
- Easy conductor feed and operation from above
- Safety and operation convenience even with disconnection of the neutral conductor from the neutral busbar for insulation measurement using slide-gate valve with optical control.



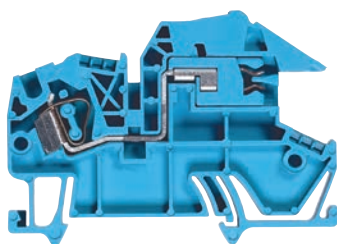
Combinable in the system

- Problem-free combination of installation terminals with other Wieland terminal blocks, also with different connection equipment
- For example:
 - Circuit wiring with compact spring-force device **fasis** BIT
 - Power feed with proven **selos** screw technology
- Low storage and logistics expense due to uniform accessories

Neutral disconnect blocks for installation distribution boards with tension spring connection

WKF 4 NT

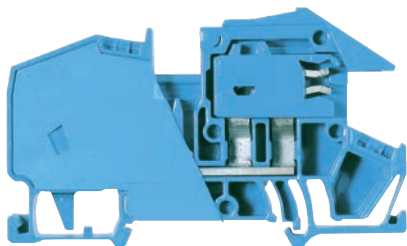
- Neutral disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack
Neutral disconnect terminal	blue WKF 4 NT / 35	56.704.8153.0	100
General data			
Width / length / height, incl. TS 7.5	6 mm / 69.5 mm / 51.2 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	0.14-4 mm ²		
Cross section solid/stranded	0.14-6 mm ²		
Cross-section, AWG		22-10 AWG	
Rated current	25 A		
Rated voltage	400 V		600 V
Rated impulse voltage	6 kV		
Pollution degree	3		
Accessories			
End plate	APF 4 NT	07.312.5653.0	10
Jumper bar	2-pole IVBWKF 4 - 2	Z7.261.1227.0	10
	3-pole IVBWKF 4 - 3	Z7.261.1327.0	10
	10-pole IVBWKF 4 - 10	Z7.261.2027.0	20
Busbar	9813 M SN 10X3 1000MM	98.290.1000.0	1
Connection clamp for busbar	WAK16/2 BL/V0	30.494.3021.6	100
Connection clamp for busbar	WAK35/2 BL/V0	30.494.4021.6	100
Connection clamp for busbar	WAK35/2	30.494.4121.0	50

WKF 10 NT

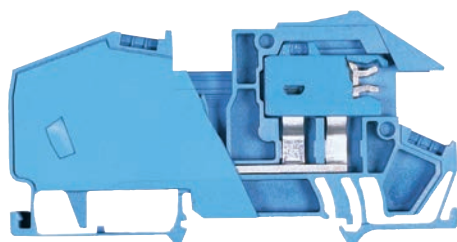
- Neutral disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Enclosed design



Description	Type	Part No.	Std. Pack
Neutral disconnect terminal	blue WKF 10 NT/35	56.710.8153.0	50
General data			
Width / length / height, incl. TS 7.5	10 mm / 82 mm / 51.2 mm		
Wire strip length	13 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	2.5-10 mm ²		
Cross section solid/stranded	2.5-10 mm ²		
Cross-section, AWG			
Rated current	57 A		
Rated voltage	400 V		
Rated impulse voltage	6 kV		
Pollution degree	3		
Accessories			
Jumper bar	2-pole IVBWKF 10- 2	Z7.283.8227.0	10
Busbar	9813 M SN 10X3 1000MM	98.290.1000.0	1
Connection clamp for busbar	WAK16/2 BL/V0	30.494.3021.6	100
Connection clamp for busbar	WAK35/2 BL/V0	30.494.4021.6	100
Connection clamp for busbar	WAK35/2	30.494.4121.0	50

WKIF 16 NT

- Neutral disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Enclosed design

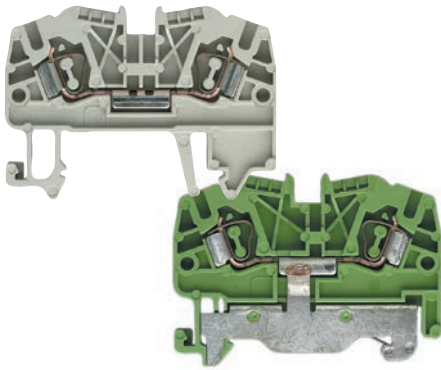


Description	Type	Part No.	Std. Pack
Neutral disconnect terminal	blue WKIF 16/1 NT/35	56.716.8155.0	20
General data			
Width / length / height, incl. TS 7.5	12 mm / 94 mm / 51.2 mm		
Wire strip length	15 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	4-16 mm ²		
Cross section solid/stranded	4-16 mm ²		
Cross-section, AWG			
Rated current	76 A		
Rated voltage	400 V		
Rated impulse voltage	6 kV		
Pollution degree	3		
Accessories			
Jumper bar	2-pole IVBWKF 16- 2	Z7.284.4227.0	10
Busbar	9813 M SN 10X3 1000MM	98.290.1000.0	1
Connection clamp for busbar	WAK16/2 BL/V0	30.494.3021.6	100
Connection clamp for busbar	WAK35/2 BL/V0	30.494.4021.6	100
Connection clamp for busbar	WAK35/2	30.494.4121.0	50

Feed-through blocks for installation distribution boards with tension spring connection

WKF 2.5

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack	
Feed-through terminal	gray	WKF 2,5 / 35	56.703.0053.0	100
	blue	WKF 2,5 / 35 BLAU	56.703.0053.6	100
Feed-through terminal block	green/yellow	WKF 2,5 SL / 35	56.703.9053.0	100
General data				
Width / length / height, incl. TS 7.5	5 mm / 5 mm / 42.3 mm			
Wire strip length	11 mm			
Approvals				
Technical data	IEC	UL	CSA	Ex
	EN 60 947-7-1			
Cross section fine-stranded	0.13-2.5 mm ²			
Cross section solid/stranded	0.13-4 mm ²			
Cross-section, AWG		22-12 AWG	24-12 AWG	
Rated current	24 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	APF 2,5 - 4	07.312.2153.0	10	
Partition	TWF 2,5 - 4	07.312.2253.0	10	
Jumper bar	2-pole	IVBWKf 2,5 - 2	27.280.6227.0	10
	3-pole	IVBWKf 2,5 - 3	27.280.6327.0	10
	10-pole	IVBWKf 2,5 - 10	27.280.7027.0	20

WKF 4

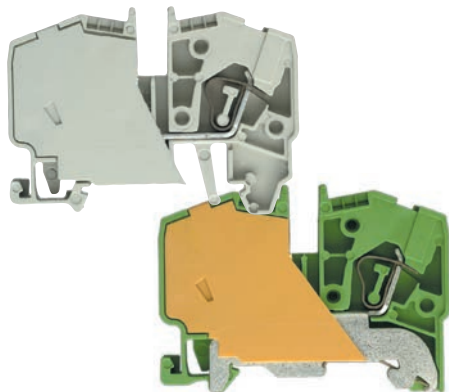
- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



Description	Type	Part No.	Std. Pack	
Feed-through terminal	gray	WKF 4 / 35	56.704.0053.0	100
	blue	WKF 4 / 35 BLAU	56.704.0053.6	100
Feed-through terminal block	green/yellow	WKF 4 SL / 35/V0	56.704.9053.0	100
General data				
Width / length / height, incl. TS 7.5	6 mm / 57 mm / 42.3 mm			
Wire strip length	11 mm			
Approvals				
Technical data	IEC	UL	CSA	Ex
	EN 60 947-7-1			
Cross section fine-stranded	0.13-4 mm ²			
Cross section solid/stranded	0.13 - 6 mm ²			
Cross-section, AWG		22-10 AWG	22-10 AWG	
Rated current	32 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	APF 2,5 - 4	07.312.2153.0	10	
Partition	TWF 2,5 - 4	07.312.2253.0	10	
Jumper bar	2-pole	IVBWKf 4 - 2	27.261.1227.0	10
	3-pole	IVBWKf 4 - 3	27.261.1327.0	10
	10-pole	IVBWKf 4 - 10	27.261.2027.0	20

WKF 6

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm²
- Enclosed design



Description	Type	Part No.	Std. Pack	
Feed-through terminal	gray	WKF 6/35	56.706.0053.0	100
	blue	WKF 6/35 BLAU	56.706.0053.6	100
Feed-through terminal block	green/yellow	WKF 6SL/35	56.706.9053.0	100
General data				
Width / length / height, incl. TS 7.5	8 mm / 61 mm / 45.1 mm			
Wire strip length	12 mm			
Approvals				
Technical data	IEC	UL	CSA	Ex
	EN 60 947-7-1			
Cross section fine-stranded	0.5 - 6 mm ²			
Cross section solid/stranded	0.5 - 6 mm ²			
Cross-section, AWG		20-10 AWG	20-10 AWG	
Rated current	41 A	40 A	40 A	
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			
Accessories				
	Type	Part No.	Std. Pack	
Jumper bar	2-pole	IVBWKf 6- 2	27.282.4227.0	10

WKF 10

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Enclosed design



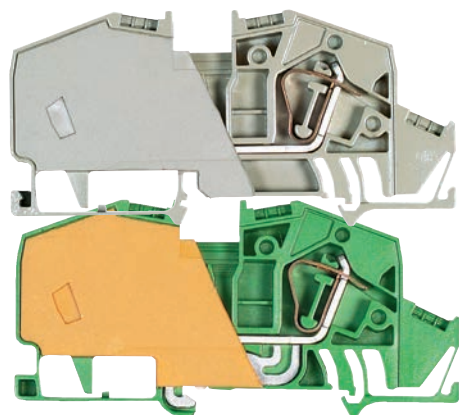
Description	Type	Part No.	Std. Pack	
Feed-through terminal	gray	WKF 10/35	56.710.0053.0	50
	blue	WKF 10/35 BLAU	56.710.0053.6	50
Feed-through terminal block	green/yellow	WKF 10SL/35	56.710.9053.0	50

General data				
Width / length / height, incl. TS 7.5	10 mm / 70 mm / 47.5 mm			
Wire strip length	13 mm			
Approvals				
Technical data	IEC	UL	CSA	Ex
	EN 60 947-7-1			
Cross section fine-stranded	2.5-10 mm ²			
Cross section solid/stranded	2.5-10 mm ²			
Cross-section, AWG		14-8 AWG	14-8 AWG	
Rated current	57 A	55 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	
Jumper bar	2-pole	IVBWK 10- 2	Z7.283.8227.0	10

WKIF 16

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Enclosed design



Description	Type	Part No.	Std. Pack	
Feed-through terminal	gray	WKIF 16/1 /35	56.716.1155.0	20
	blue	WKIF 16/1 /35 BLAU	56.716.1155.6	20
Feed-through terminal block	green/yellow	WKIF 16/1 SL/35	56.716.9155.0	20

General data				
Width / length / height, incl. TS 7.5	12 mm / 94 mm / 47.7 mm			
Wire strip length	16 mm			
Approvals				
Technical data	IEC	UL	CSA	Ex
	EN 60 947-7-1			
Cross section fine-stranded	4-16 mm ²			
Cross section solid/stranded	4-16 mm ²			
Cross-section, AWG				
Rated current	76 A			
Rated voltage	800 V			
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack	
Jumper bar	2-pole	IVBWK 16- 2	Z7.284.4227.0	10

WKF 16

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Enclosed design



Description	Type	Part No.	Std. Pack	
Feed-through terminal	gray	WKF 16/35	56.716.0053.0	50
	blue	WKF 16/35 BLAU	56.716.0053.6	50
Feed-through terminal block	green/yellow	WKF 16SL/35	56.716.9053.0	50

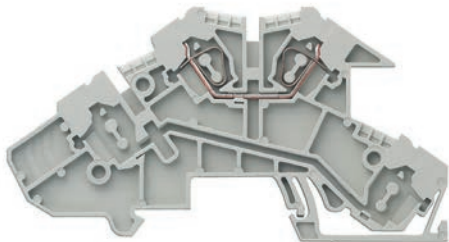
General data				
Width / length / height, incl. TS 7.5	12 mm / 82 mm / 47.7 mm			
Wire strip length	15 mm			
Approvals				
Technical data	IEC	UL	CSA	Ex
	EN 60 947-7-1			
Cross section fine-stranded	4-16 mm ²			
Cross section solid/stranded	4-16 mm ²			
Cross-section, AWG		24-4 AWG	12-4 AWG	
Rated current	76 A	75 A	75 A	
Rated voltage	800 V	600 V	600 V	
Rated impulse voltage	8 kV			
Pollution degree	3			

Accessories	Type	Part No.	Std. Pack	
Jumper bar	2-pole	IVBWK 16- 2	Z7.284.4227.0	10

Multi-tier terminals for installation distribution boards with tension spring connection

WKIF 2.5 D

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²

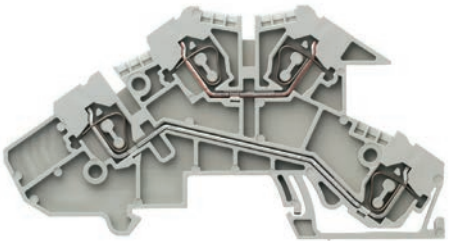


Description	Type	Part No.	Std. Pack
Installation rail terminal blocks	WKIF 2,5 D	56.703.9653.0	50
General data			
Width / length / height, incl. TS 7.5	5 mm / 95 mm / 51.2 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	0.14-2.5 mm ²		
Cross section solid/stranded	0.14-4 mm ²		
Cross-section, AWG		22-12 AWG	22-14 AWG
Rated current	24 A	20 A	20 A
Rated voltage	400 V		300 V
Rated impulse voltage	6 kV		
Pollution degree	3		
Accessories			
End plate	Type APIF 2,5	Part No. 07.311.8353.0	Std. Pack 10
Jumper bar	2-pole	IVBWK 2,5 - 2	7.280.6227.0
	3-pole	IVBWK 2,5 - 3	7.280.6327.0
	4-pole	IVBWK 2,5 - 4	7.280.6427.0
	5-pole	IVBWK 2,5 - 5	7.280.6527.0
	10-pole	IVBWK 2,5 - 10	7.280.7027.0
Busbar	9813 M SN 10X3 1000MM	98.290.1000.0	1

WKIF 2.5 D-D

WKID 2,5 N-D

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²

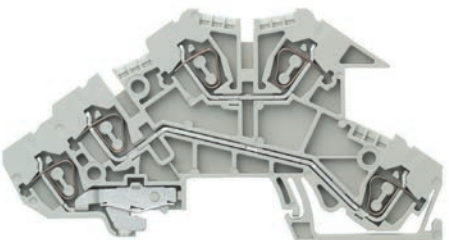


Description	Type	Part No.	Std. Pack
Installation rail terminal blocks	WKIF 2,5 D-D	56.703.9753.0	50
	WKIF 2,5 N-D	56.703.9953.0	50
General data			
Width / length / height, incl. TS 7.5	5 mm / 95 mm / 51.2 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	0.14-2.5 mm ²		
Cross section solid/stranded	0.14-4 mm ²		
Cross-section, AWG		22-12 AWG	22-14 AWG
Rated current	24 A	20 A	20 A
Rated voltage	400 V		300 V
Rated impulse voltage	4 kV		
Pollution degree	3		
Accessories			
End plate	Type APIF 2,5	Part No. 07.311.8353.0	Std. Pack 10
Jumper bar	2-pole	IVBWK 2,5 - 2	7.280.6227.0
	3-pole	IVBWK 2,5 - 3	7.280.6327.0
	5-pole	IVBWK 2,5 - 10	7.280.7027.0
	10-pole	IVBWK 2,5 - 10	7.280.7027.0
Busbar	9813 M SN 10X3 1000MM	98.290.1000.0	1

WKIF 2.5 D-D-SL

WKIF 2.5 N-D-SL

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Installation rail terminal blocks	WKIF 2,5 D-D-SL	56.703.9853.0	50
	WKIF 2,5 N-D-SL	56.703.9453.0	50
General data			
Width / length / height, incl. TS 7.5	5 mm / 95 mm / 51.2 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	0.14-2.5 mm ²		
Cross section solid/stranded	0.14-4 mm ²		
Cross-section, AWG		22-12 AWG	22-14 AWG
Rated current	24 A	20 A	20 A
Rated voltage	400 V		300 V
Rated impulse voltage	4 kV		
Pollution degree	3		
Accessories			
End plate	Type APIF 2,5	Part No. 07.311.8353.0	Std. Pack 10
Jumper bar	2-pole	IVBWK 2,5 - 2	7.280.6227.0
	3-pole	IVBWK 2,5 - 3	7.280.6327.0
	5-pole	IVBWK 2,5 - 10	7.280.7027.0
	10-pole	IVBWK 2,5 - 10	7.280.7027.0
Busbar	9813 M SN 10X3 1000MM	98.290.1000.0	1

WKIF 2.5 NT-D-SL

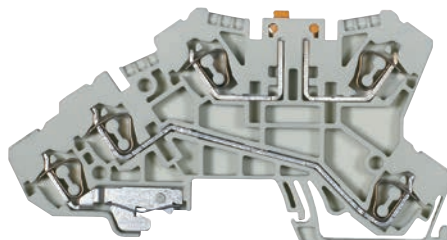
- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Installation rail terminal blocks	WKIF 2,5 NT-D-SL	56.703.9553.0	50
General data			
Width / length / height, incl. TS 7.5	5 mm / 95 mm / 51.2 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	0.14-2.5 mm ²		
Cross section solid/stranded	0.14-4 mm ²		
Cross-section, AWG		22-12 AWG	22-14 AWG
Rated current	20 A	20 A	20 A
Rated voltage	400 V		300 V
Rated impulse voltage	6 kV		
Pollution degree	3		
Accessories			
End plate	Type	Part No.	Std. Pack
	APIF 2,5	07.311.8353.0	10
Jumper bar	2-pole	IVBWK 2,5 - 2	Z7.280.6227.0
	3-pole	IVBWK 2,5 - 3	Z7.280.6327.0
	4-pole	IVBWK 2,5 - 4	Z7.280.6427.0
	5-pole	IVBWK 2,5 - 5	Z7.280.6527.0
	10-pole	IVBWK 2,5 - 10	Z7.280.7027.0
Busbar	9813 M SN 10X3 1000MM	98.290.1000.0	1

WKIF 2.5 NTM-D-SL

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



Description	Type	Part No.	Std. Pack
Installation rail terminal blocks	WKIF 2,5 NTM-D-SL	56.703.8653.0	50
General data			
Width / length / height, incl. TS 7.5	5 mm / 95 mm / 51.2 mm		
Wire strip length	11 mm		
Approvals			
Technical data	IEC	UL	CSA
	EN 60 947-7-1		
Cross section fine-stranded	0.14-2.5 mm ²		
Cross section solid/stranded	0.14-4 mm ²		
Cross-section, AWG			
Rated current	16 A		
Rated voltage	400 V		
Rated impulse voltage	6 kV		
Pollution degree	3		
Accessories			
End plate	Type	Part No.	Std. Pack
	APIF 2,5 TM	07.312.8053.0	10
Jumper bar	2-pole	IVBWK 2,5 - 2	Z7.280.6227.0
	3-pole	IVBWK 2,5 - 3	Z7.280.6327.0
	4-pole	IVBWK 2,5 - 4	Z7.280.6427.0
	5-pole	IVBWK 2,5 - 5	Z7.280.6527.0
	10-pole	IVBWK 2,5 - 10	Z7.280.7027.0