

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

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

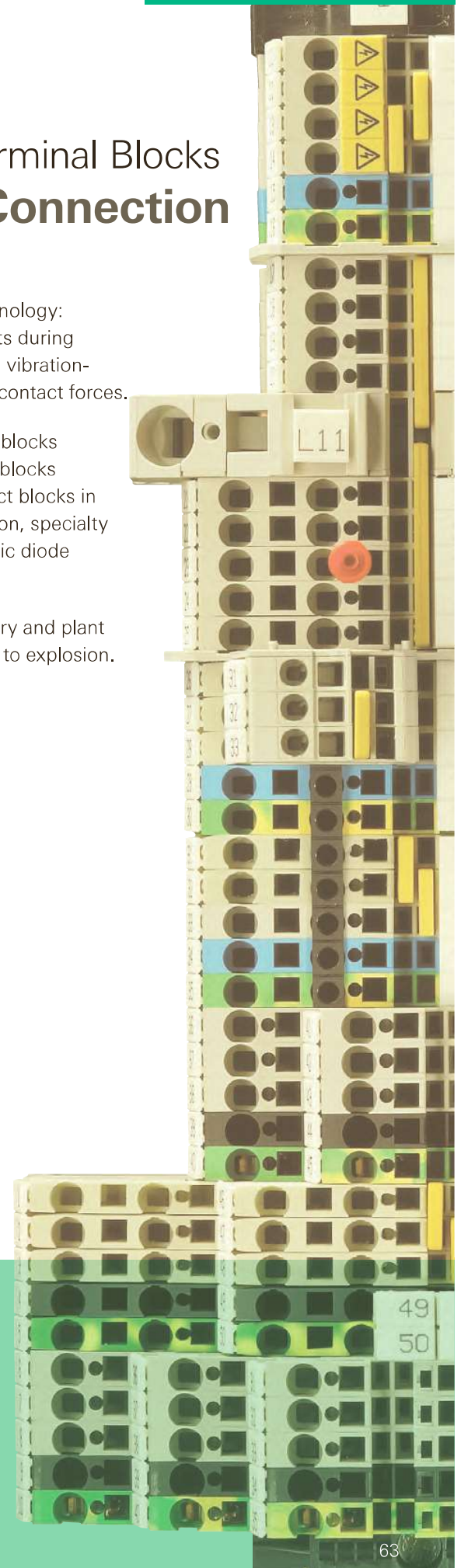
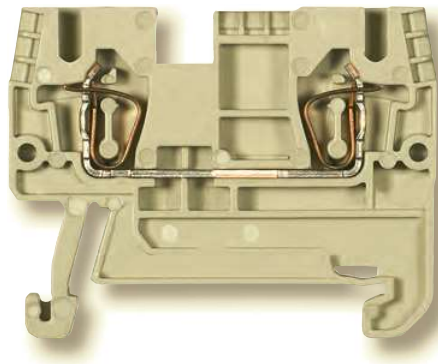
The product line includes feed-through and ground blocks with 2, 3 or 4 termination point as well as multi-tier blocks in two- and three-tier designs, knife-edge disconnect blocks in one- and two-tier designs and fuse blocks. In addition, specialty function blocks are available with application-specific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

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

Connection cross-sections up to 35 mm²

Rated current of up to 125 A

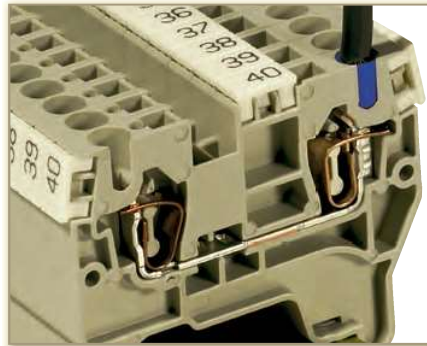
Rated voltage of up to 1000 V



DIN rail terminal blocks with tension spring connection

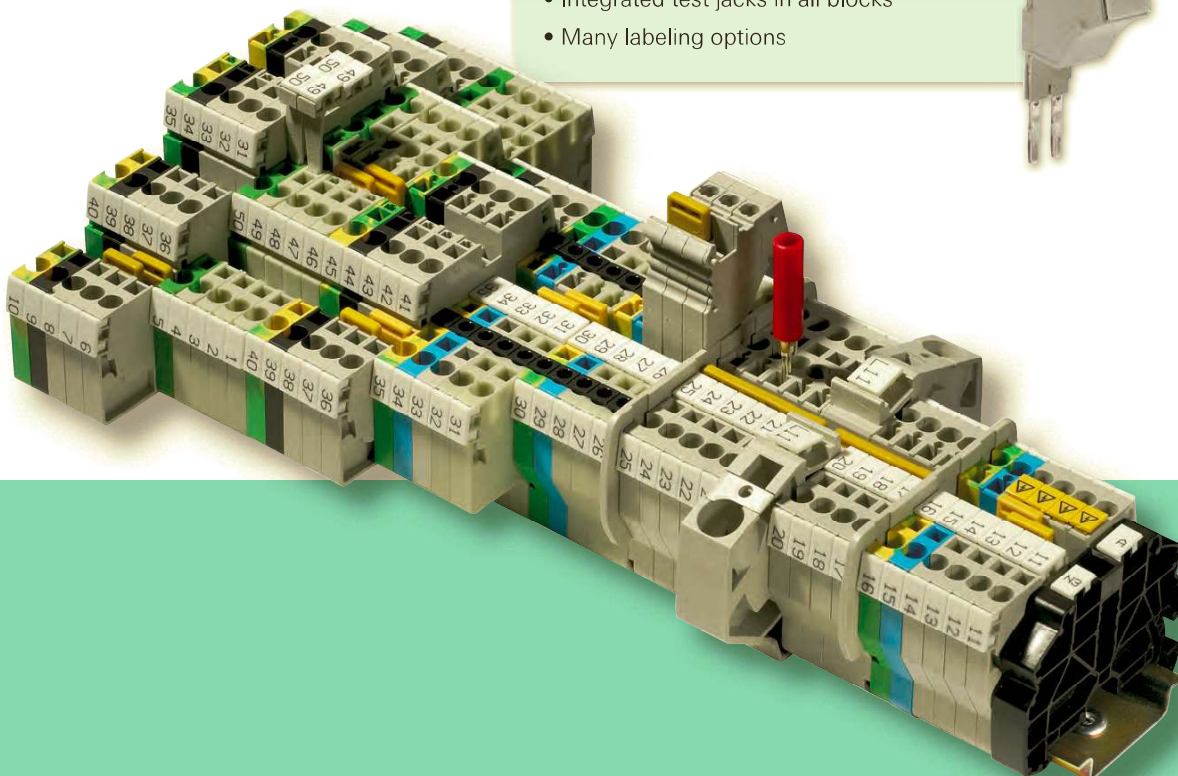
The terminals

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

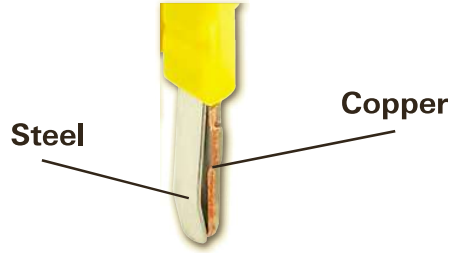
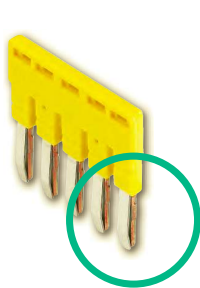


The system

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



Wieland jumpering system – Perfect technology



Perfect technology

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

Extremely rugged!

- Indestructible steel spring
- Vibration-proof connection



Simple customization

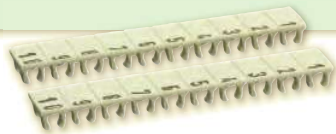
- Individual poles easy to remove
- Circuits easy to identify



Wieland marking system – Reliable identification

Marking strips – Dependable

- Maximum hold to the terminal
- Solidify integrity of the assembly



Marking tags – Individual

- Individual labeling with minimum effort
- Ideal for service and maintenance




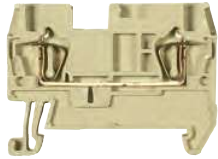

The accessories


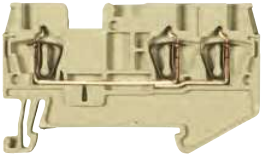




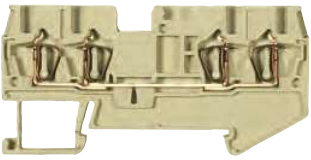

- Wire entry guide strips for secure connection of wires smaller than 1 mm²
- Snap-on covers with warning symbols
- Wieland screwdriver for optimal operation of spring tension terminals



Feed-through blocks with tension spring connection

| WKF 1,5/35 | | Description | Type | Part No. | Std. Pack | |
|---|------------------------------|---------------------------------------|--|--------------------------|---------------------------|----------------|
| <ul style="list-style-type: none"> • 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 149  | | 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 | Ex |
| | | 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 | | | | | | |
| | | Type | | Part No. | Std. Pack | |
| | End plate, gray | APF 1,5 | | 07.312.8153.0 | 10 | |
| | Partition, gray | TWF 1,5 | | 07.312.8253.0 | 10 | |

| WKF 1,5 D1/2/35 | | Description | Type | Part No. | Std. Pack | |
|---|------------------------------|---------------------------------------|--|--------------------------|---------------------------|----------------|
| <ul style="list-style-type: none"> • 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 149  | | 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 | Ex |
| | | 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 | | | | | | |
| | | Type | | Part No. | Std. Pack | |
| | End plate, gray | APF 1,5 D1/2 | | 07.312.8353.0 | 10 | |
| | Segment end plate, gray | SAPF 1,5 | | 07.312.8953.0 | 10 | |
| | Partition, gray | TWF 1,5 D1/2 | | 07.312.8453.0 | 10 | |

| WKF 1,5 D2/2/35 | | Description | Type | Part No. | Std. Pack | |
|---|------------------------------|---------------------------------------|--|--------------------------|---------------------------|----------------|
| <ul style="list-style-type: none"> • 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 149  | | 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 | Ex |
| | | 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 | | | | | | |
| | | Type | | Part No. | Std. Pack | |
| | End plate, gray | APF 1,5 D2/2 | | 07.312.8553.0 | 10 | |
| | Segment end plate, gray | SAPF 1,5 | | 07.312.8953.0 | 10 | |
| | Partition, gray | TWF 1,5 D2/2 | | 07.312.8653.0 | 10 | |

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.
²⁾ Rated current when using cross connectors

Feed-through blocks with tension spring connection


WKFN 2,5/35

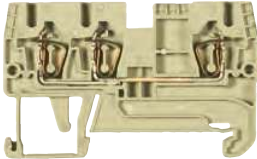
- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149









| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Feed-through block, gray | WKFN 2,5/35 | 56.703.0055.0 | 100 |
| Feed-through block, blue | WKFN 2,5/35 BLAU | 56.703.0055.6 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 47 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB      PTB 04 ATEX 1051 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 | 07.312.6755.0 | 10 |
| End plate, blue | APFN 2,5 BLAU | 07.312.6755.6 | 10 |
| Partition, gray | TWFN 2,5 | 07.312.6855.0 | 10 |


WKFN 2,5 D1/2/35

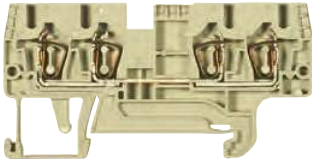
- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149









| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Feed-through block, gray | WKFN 2,5 D1/2/35 | 56.703.5055.0 | 100 |
| Feed-through block, blue | WKFN 2,5 D1/2/35 BLAU | 56.703.5055.6 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB      PTB 04 ATEX 1051 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 D1/2 | 07.312.6955.0 | 10 |
| End plate, blue | APFN 2,5 D1/2 BLAU | 07.312.6955.6 | 10 |
| Partition, gray | TWFN 2,5 D1/2 | 07.312.7055.0 | 10 |

WKFN 2,5 D2/2/35


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

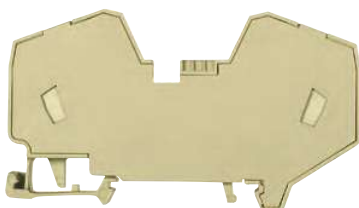






| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Feed-through block, gray | WKFN 2,5 D2/2/35 | 56.703.5155.0 | 100 |
| Feed-through block, blue | WKFN 2,5 D2/2/35 BLAU | 56.703.5155.6 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 72 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB      PTB 04 ATEX 1051 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 D2/2 | 07.312.7155.0 | 10 |
| End plate, blue | APFN 2,5 D2/2 BLAU | 07.312.7155.6 | 10 |
| Partition, gray | TWFN 2,5 D2/2 | 07.312.7255.0 | 10 |

Supply block

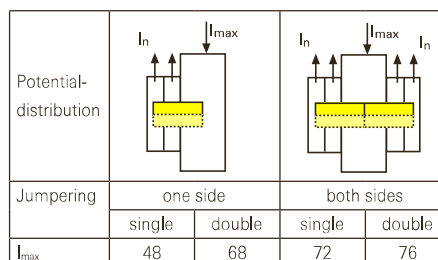
WKF 16/35 PV/WKFN

- 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 149



| Description | Type | Part No. | Std. Pack |
|---|--|---------------|----------------------|
| Power feed-in block, gray | WKF 16/35 PV/WKFN | 56.716.0353.0 | 20 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 12 mm / 82 mm / 48 mm | | |
| Wire strip length | 15 mm | | |
| Approvals |     | | |
| | KEMA 01 ATEX 2087 U | | |
| Technical data | | | |
| | IEC | UL | CSA |
| | 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 |
| Rated voltage | 800 V | 600 V | 600 V |
| Rated impulse voltage | 8 kV | | 690 V |
| 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



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


Accessories for fasis WKFN 2,5...

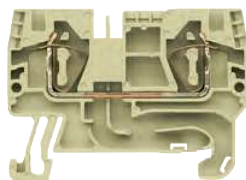


| Accessories | Type | Part No. | Std. Pack |
|---|---|---------------|-----------|
| Cross connector, insulated | 2 pole IVB WKF 2,5–2 | Z7.280.6227.0 | 10 |
| | 3 pole IVB WKF 2,5–3 | Z7.280.6327.0 | 10 |
| | 4 pole IVB WKF 2,5–4 | Z7.280.6427.0 | 10 |
| | 5 pole IVB WKF 2,5–5 | Z7.280.6527.0 | 10 |
| | 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 | 04.343.6653.8 | 10 |
| Test adapter, modular | PS WKCF | 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 149





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

| General data | | | | |
|---------------------------------------|--|-------|-------|---|
| Width / length / height, incl. TS 7.5 | 6 mm / 51 mm / 38 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB      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 | 28/30 A ¹⁾ |
| Rated voltage | 800 V | 600 V | 600 V | 690 V |
| Rated impulse voltage | 8 kV | | | |
| Pollution degree | 3 | | | |
| Note | | | | ¹⁾ 1. value at 40 K/ 2. value at 45 K |







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

WKFN 4 D1/2/35

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




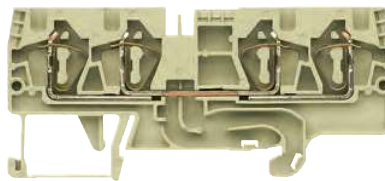
| Description | Type | Part No. | Std. Pack |
|--------------------------|---------------------|---------------|-----------|
| Feed-through block, gray | WKFN 4 D1/2/35 | 56.704.5055.0 | 100 |
| Feed-through block, blue | WKFN 4 D1/2/35 BLAU | 56.704.5055.6 | 100 |

| General data | | | | |
|---------------------------------------|--|-------|-------|---|
| Width / length / height, incl. TS 7.5 | 6 mm / 67 mm / 38 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB      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 | 28/30 A ¹⁾ |
| Rated voltage | 800 V | 600 V | 600 V | 550 V |
| Rated impulse voltage | 8 kV | | | |
| Pollution degree | 3 | | | |
| Note | | | | ¹⁾ 1. value at 40 K/ 2. value at 45 K |







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

WKFN 4 D2/2/35

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




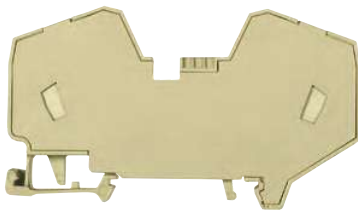
| Description | Type | Part No. | Std. Pack |
|--------------------------|---------------------|---------------|-----------|
| Feed-through block, gray | WKFN 4 D2/2/35 | 56.704.5155.0 | 100 |
| Feed-through block, blue | WKFN 4 D2/2/35 BLAU | 56.704.5155.6 | 100 |




| General data | | | | |
|---------------------------------------|--|-------|-------|---|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB      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 | 28/30 A ¹⁾ |
| Rated voltage | 800 V | 600 V | 600 V | 550 V |
| Rated impulse voltage | 8 kV | | | |
| Pollution degree | 3 | | | |
| Note | | | | ¹⁾ 1. value at 40 K/ 2. value at 45 K |

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

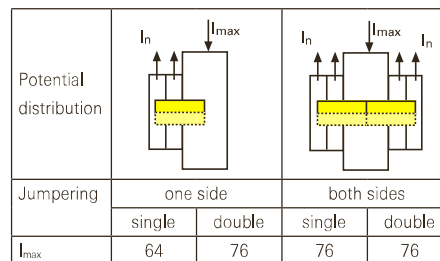
WKF 16/35 PV/WKFN

- 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 149



| Description | Type | Part No. | Std. Pack |
|---|--|---------------|----------------------|
| Power feed-in block, gray | WKF 16/35 PV/WKFN | 56.716.0353.0 | 20 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 12 mm / 82 mm / 48 mm | | |
| Wire strip length | 15 mm | | |
| Approvals |    ATEX KEMA 01 ATEX 2087 U | | |
| Technical data | IEC | UL | CSA |
| | 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 |
| Rated voltage | 800 V | 600 V | 600 V |
| Rated impulse voltage | 8 kV | | 690 V |
| 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



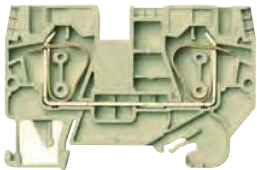
$$I_{\max} = \sum I_n \leq \sum I_{N \text{ block}}$$

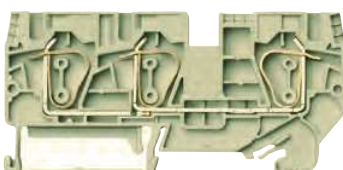
Accessories for *fasis* WKFN 4...



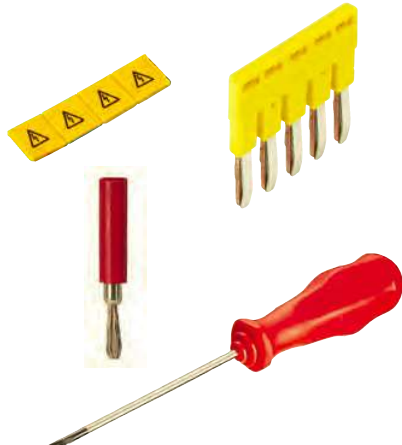
| Accessories | Type | Part No. | Std. Pack |
|---|--|---------------|-----------|
| Cross connector, insulated | 2 pole VB WKF 4–2 | Z7.261.1227.0 | 10 |
| | 3 pole IVB WKF 4–3 | Z7.261.1327.0 | 10 |
| | 4 pole IVB WKF 4–4 | Z7.261.1427.0 | 10 |
| | 5 pole IVB WKF 4–5 | Z7.261.1527.0 | 10 |
| | 6 pole 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 | | Description | Type | Part No. | Std. Pack | |
|---|------------------------------|---------------------------------------|----------------------------|---------------|---|----------------|
| <ul style="list-style-type: none"> Feed-through block with tension spring connection for mounting on TS 35 Nominal cross section 6 mm² Ex e I/II II 2GD IM2 <p>Follow the EX installation instructions on page 149</p>  | | 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 | | | |
| | Cross section solid/stranded | 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 40 K/ 2. value at 45 K | |
| | | Accessories | Type | Part No. | Std. Pack | |
| | | End plate, gray | APFN 6 | 07.313.0455.0 | 10 | |
| | | End plate, blue | APFN 6 BLAU | 07.313.0455.6 | 10 | |
| | | Partition, gray | TWFN 6 | 07.313.0555.0 | 10 | |

| WKFN 6 D1/2/35 | | Description | Type | Part No. | Std. Pack | |
|---|------------------------------|---------------------------------------|----------------------------|---------------|---|----------------|
| <ul style="list-style-type: none"> 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 <p>Follow the EX installation instructions on page 149</p>  | | 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 | | | |
| | Cross section solid/stranded | 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 40 K/ 2. value at 45 K | |
| | | Accessories | Type | Part No. | Std. Pack | |
| | | End plate, gray | APFN 6 D1/2 | 07.313.0655.0 | 10 | |
| | | End plate, blue | APFN 6 D1/2 BLAU | 07.313.0655.6 | 10 | |
| | | Partition, gray | TWFN 6 D1/2 | 07.313.0755.0 | 10 | |

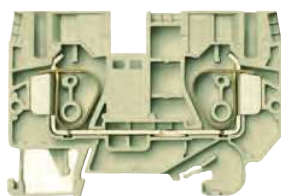
Accessories for *fasis* WKFN 6...

| Accessories | | Type | Part No. | Std. Pack | |
|---|--|--------|------------------|---------------|----|
|  | Cross connector, insulated** | 2 pole | IVB WKFN 6–2 | Z7.282.5227.0 | 10 |
| | | 3 pole | IVB WKFN 6–3 | Z7.282.5327.0 | 10 |
| | | 4 pole | IVB WKFN 6–4 | Z7.282.5427.0 | 10 |
| | | 5 pole | IVB WKFN 6–5 | Z7.282.5527.0 | 10 |
| | Cover with warning symbol over 4 blocks | yellow | ADF 6/4 GELB | 04.343.6253.8 | 10 |
| | Test plug | | ST 2/2,3 | Z5.553.2921.0 | 10 |
| | Screwdriver, uninsulated | | DIN 5264 B 0,8x4 | 06.502.4100.0 | 5 |
| | ** When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A. | | | | |





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 149

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




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

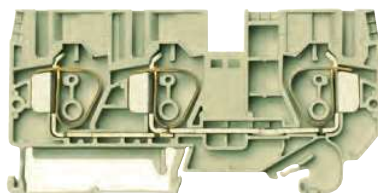
| General data | | | | |
|---------------------------------------|---|-------|--------------------|---|
| Width / length / height, incl. TS 7.5 | 10 mm / 72 mm / 50 mm | | | |
| Wire strip length | 15 mm | | | |
| Approvals | Pb    | | PTB 06 ATEX 1075 U | |
| Technical data | IEC | UL | CSA |  |
| | 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 40 K 2. value at 45 K |

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





WKFN 10 D1/2/35

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

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



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

| General data | | | | |
|---------------------------------------|---|-------|--------------------|---|
| Width / length / height, incl. TS 7.5 | 10 mm / 98 mm / 50 mm | | | |
| Wire strip length | 15 mm | | | |
| Approvals | Pb    | | 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 40 K 2. value at 45 K |

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

Accessories for *fasis* WKFN 10...




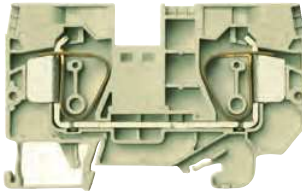
| Accessories | Type | Part No. | Std. Pack |
|--|--------|------------------|---------------|
| Cross connector, insulated** | 2 pole | IVB WKF 10–2 | Z7.283.8227.0 |
| Reducing jumper, WKF 35 to WKFN 10 ⁹⁾ | | IVB WKF 35R10 | Z7.285.6427.0 |
| Cover with warning symbol over 4 blocks | yellow | ADF 10/4 GELB | 04.343.6453.8 |
| Test plug | | ST 2/2,3 | Z5.553.2921.0 |
| Screwdriver, uninsulated | | DIN 5264 B 1x5,5 | 06.502.4200.0 |





** 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

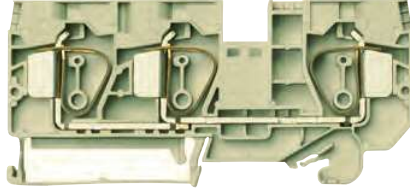
- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149







| Description | Type | Part No. | Std. Pack |
|--|--|---------------|--|
| Feed-through block, gray | WKFN 16/35 | 56.716.0055.0 | 50 |
| Feed-through block, blue | WKFN 16/35 BLAU | 56.716.0055.6 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 12 mm / 79 mm / 50 mm | | |
| Wire strip length | 16 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 40 K/ 2. value at 45 K |
| 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 | MB 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

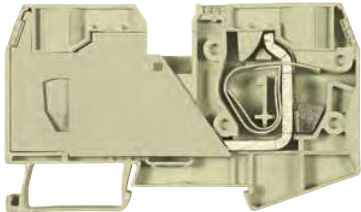
- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149







| Description | Type | Part No. | Std. Pack |
|--|--|---------------|--|
| Feed-through block, gray | WKFN 16 D1/2/35 | 56.716.5055.0 | 50 |
| Feed-through block, blue | WKFN 16 D1/2/35 BLAU | 56.716.5055.6 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 12 mm / 107 mm / 50 mm | | |
| Wire strip length | 16 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 40 K/ 2. value at 45 K |
| 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 | MB WKF 16–2 | Z7.284.4227.0 | 10 |
| Cover with warning symbol for 4 blocks | ADF 16/4 GELB | 04.343.6653.8 | 10 |

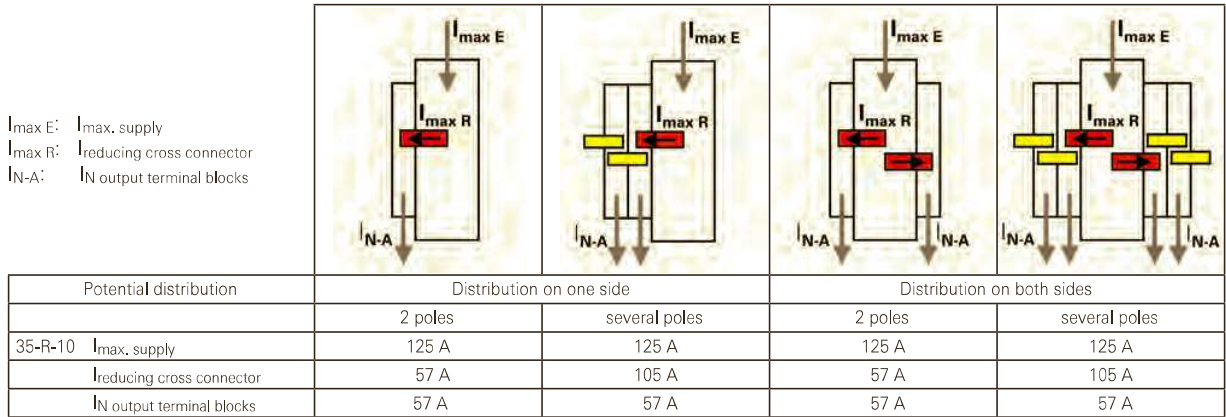
WKF 35/35

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



| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Feed-through block, gray | WKF 35/35 | 56.735.0053.0 | 10 |
| Feed-through block, blue | WKF 35/35 BLAU | 56.735.0053.6 | 10 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 16 mm / 100 mm / 59 mm | | |
| Wire strip length | 25 mm | | |
| Approvals | ATEX    KEMA 03 ATEX 2057 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | MB WKF 35-2 | Z7.285.6227.0 | 10 |

Potential supply with feed-through blocks up to 35 mm²



| Potential distribution 35 R 10 <ul style="list-style-type: none"> • 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

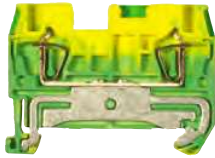
| | Accessories | Type | Part No. | Std. Pack |
|--|--------------------------|------------------|---------------|-----------|
| | Test plug | ST 2/2,3 | Z5.553.2921.0 | 10 |
| | Screwdriver, uninsulated | DIN 5264 B 1x5,5 | 06.502.4200.0 | 5 |
| ** When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A. | | | | |

Ground blocks with tension spring connection

| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---------------------------|---------------|--------------------------|
| | | | |
| 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 |
| Rated impulse voltage | 6 kV | | 440 V* |
| Pollution degree | 3 | | |
| Accessories | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APF 1,5 | 07.312.8153.0 | 10 |
| Partition, gray | TWF 1,5 | 07.312.8253.0 | 10 |

WKF 1,5 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 149



| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---------------------------|---------------|--------------------------|
| | | | |
| 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 |
| Rated impulse voltage | 6 kV | | 440 V* |
| Pollution degree | 3 | | |
| Accessories | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APF 1,5 D1/2 | 07.312.8353.0 | 10 |
| Segment end plate | SAPF 1,5 | 07.312.8953.0 | 10 |
| Partition, gray | TWF 1,5 D1/2 | 07.312.8453.0 | 10 |

WKF 1,5 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 149



| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---------------------------|---------------|--------------------------|
| | | | |
| 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 |
| Rated impulse voltage | 6 kV | | 440 V* |
| Pollution degree | 3 | | |
| Accessories | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APF 1,5 D2/2 | 07.312.8553.0 | 10 |
| Segment end plate | SAPF 1,5 | 07.312.8953.0 | 10 |
| Partition, gray | TWF 1,5 D2/2 | 07.312.8653.0 | 10 |

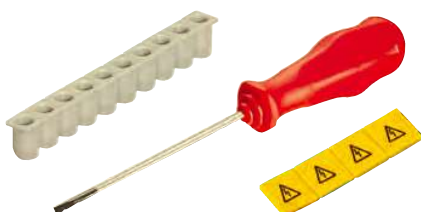
WKF 1,5 D2/2/SL/35

- 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 149




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 |
| | 0.25–0.5 mm ² | LEL 1,5/2 GRAU | 05.564.4353.0 |
| Cover with warning symbol over 5 blocks | yellow | ADF 1,5/5 GELB | 04.343.6953.8 |
| Screwdriver, uninsulated | | DIN 5264 B 0,4x2,5 | 06.502.4300.0 |











* 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 149











| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 2,5 SL/35 | 56.703.9055.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 47 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB        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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 | 07.312.6755.0 | 10 |


WKFN 2,5 D1/2/SL/35

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











| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 2,5 D1/2/SL/35 | 56.703.9355.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB        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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 D1/2 | 07.312.6955.0 | 10 |

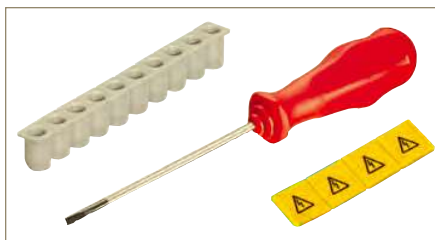
WKFN 2,5 D2/2/SL/35

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



| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 2,5 D2/2/SL/35 | 56.703.9155.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 72 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB        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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 D2/2 | 07.312.7155.0 | 10 |


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












| Accessories | Type | Part No. | Std. Pack |
|---|--------------------------|----------------------|---------------|
| Wire entry guide | 0.13–0.2 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 |
| 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 |

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 149











| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 4 SL/35 | 56.704.9055.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 6 mm / 51 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB        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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 4 | 07.312.9255.0 | 10 |


WKFN 4 D1/2/SL/35


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











| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 4 D1/2/SL/35 | 56.704.9355.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 6 mm / 67 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB        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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 4 D1/2 | 07.312.9455.0 | 10 |

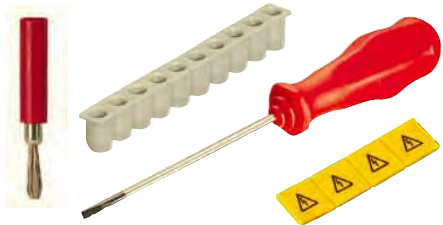
WKFN 4 D2/2/SL/35

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




| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 4 D2/2/SL/35 | 56.704.9155.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB        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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 4 D2/2 | 07.312.9055.0 | 10 |

Accessories for fasis WKFN 4...







| Accessories | Type | Part No. | Std. Pack |
|---|--------------------------|-----------------|---------------|
| Wire entry guide | 0.13–0.2 mm ² | LEL 4/1 WEISS | 05.561.8553.0 |
| | 0.25–0.5 mm ² | LEL 4/2 GRAU | 05.561.8653.0 |
| | 0.75–1.0 mm ² | LEL 4/3 SCHWARZ | 05.561.8753.0 |
| Cover with warning symbol over 4 blocks | yellow | ADF 4/4 GELB | 04.343.6153.8 |
| 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 149







| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 6 SL/35 | 56.706.9055.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 8 mm / 66 mm / 45 mm | | |
| Wire strip length | 12 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 6 | 07.313.0455.0 | 10 |

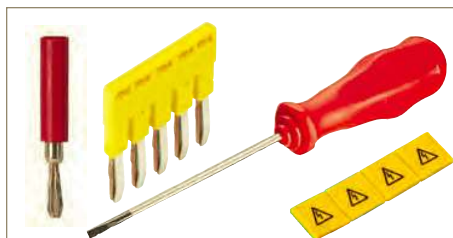
WKFN 6 D1/2/SL/35

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



| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|--|
| Ground block, green/yellow | WKFN 6 D1/2/SL/35 | 56.706.9355.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 8 mm / 90 mm / 45 mm | | |
| Wire strip length | 12 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 6 D1/2 | 07.313.0655.0 | 10 |

Accessories for *fasis* WKFN 6...




| Accessories | Type | Part No. | Std. Pack |
|---|--------|------------------|---------------|
| Cross connector, insulated* | 2 pole | IVB WKFN 6–2 | Z7.282.5227.0 |
| | 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 | 04.343.6253.8 |
| 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

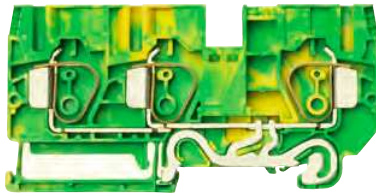
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149







| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|--|
| Ground block, green/yellow | WKFN 10 SL/35 | 56.710.9055.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 10 mm / 72 mm / 50 mm | | |
| Wire strip length | 15 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 10/35 | 07.313.0855.0 | 10 |


WKFN 10 D1/2/SL/35

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







| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|--|
| Ground block, green/yellow | WKFN 10 D1/2/SL/35 | 56.710.9355.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 10 mm / 98 mm / 50 mm | | |
| Wire strip length | 15 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 10 D1/2 | 07.313.1055.0 | 10 |

WKFN 16 SL/35

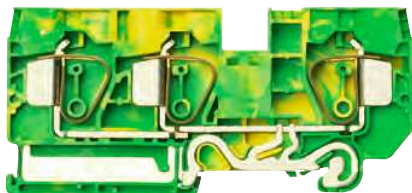
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149







| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|--|
| Ground block, green/yellow | WKFN 16 SL/35 | 56.716.9055.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 12 mm / 79 mm / 50 mm | | |
| Wire strip length | 16 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| 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 149






| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|--|
| Ground block, green/yellow | WKFN 16 D1/2/SL/35 | 56.716.9355.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 12 mm / 107 mm / 50 mm | | |
| Wire strip length | 16 mm | | |
| Approvals | PTB    PTB 06 ATEX 1075 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 16 D1/2 | 07.313.1455. | 10 |

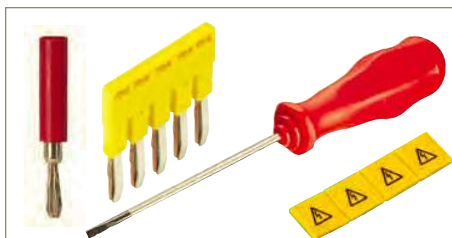
WKF 35 SL/35

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



| Description | Type | Part No. | Std. Pack |
|---|--|---------------|--|
| Ground block, green/yellow | WKF 35 SL/35 | 56.735.9053.0 | 10 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 16 mm / 100 mm / 59 mm | | |
| Wire strip length | 25 mm | | |
| Approvals | ATEX   KEMA 03 ATEX 2057 U | | |
| Technical data | IEC | UL | CSA  |
| | 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 | | | |
| | Type | Part No. | Std. Pack |
| Cross connector, insulated | 2 pole | IVB WKF 35–2 | Z7.285.6227.0 10 |
| Cover with warning symbol over 4 blocks | | ADF 35/5 GELB | 04.343.9253.8 10 |
| Test plug | | ST 2/2,3 | Z5.553.2921.0 10 |

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




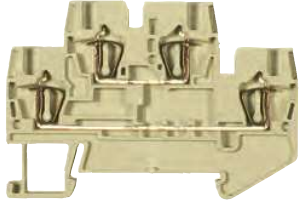
| Accessories | Type | Part No. | Std. Pack |
|---|------------------|---------------|------------------|
| Test plug | ST 2/2,3 | Z5.553.2921.0 | 10 |
| Screwdriver, uninsulated | DIN 5264 B 1x5,5 | 06.502.4200.0 | 5 |
| for WKFN 10 ... | | | |
| Cross connector, insulated** | 2 pole | IVB WKF 10–2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

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



Multi-tier terminal blocks with tension spring connection

WKF 1,5 E2/35

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




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


| General data | | | | |
|---------------------------------------|--|-------|---------------------|---|
| Width / length / height, incl. TS 7.5 | 4 mm / 68 mm / 47 mm | | | |
| Wire strip length | 10 mm | | | |
| Approvals | ATEX  | | 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 | | | |

Note



¹⁾ Rated current when using cross connectors
²⁾ For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.

WKF 1,5 E2/VB/35

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




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

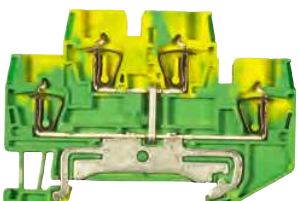
| General data | | | | |
|---------------------------------------|--|-------|---------------------|---|
| Width / length / height, incl. TS 7.5 | 4 mm / 68 mm / 47 mm | | | |
| Wire strip length | 10 mm | | | |
| Approvals | ATEX  | | KEMA 03 ATEX 2056 U | |
| Technical data | IEC | UL | CSA |  |
| | 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 | | | |

Note



¹⁾ Rated current when using cross connectors
²⁾ For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.

WKF 1,5 E2/SL/35

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



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

| General data | | | | |
|---------------------------------------|--|-------|---------------------|---|
| Width / length / height, incl. TS 7.5 | 4 mm / 68 mm / 47 mm | | | |
| Wire strip length | 10 mm | | | |
| Approvals | ATEX  | | 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 | ¹⁾ |
| Rated impulse voltage | 6 kV | | | |
| Pollution degree | 3 | | | |

Note

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

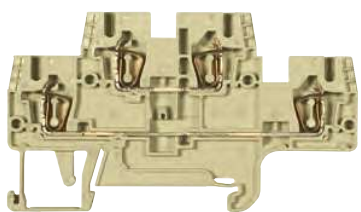
Accessories for *fasis* WKF 1,5...

| Accessories | | Type | Part No. | Std. Pack |
|---|---|--|---------------|-----------|
|  | End plate | gray APF 1,5 E2 | 07.312.8753.0 | 10 |
|  | Partition | gray TWF 1,5 E2 | 07.312.8853.0 | 10 |
|  | Cross connector, insulated | 2 pole IVB WKF 1,5-2 | Z7.268.0227.0 | 10 |
| | | 3 pole IVB WKF 1,5-3 | Z7.268.0327.0 | 10 |
| | | 4 pole IVB WKF 1,5-4 | Z7.268.0427.0 | 10 |
| | | 5 pole IVB WKF 1,5-5 | Z7.268.0527.0 | 10 |
| | | 10 pole IVB WKF 1,5-10 | Z7.268.1027.0 | 10 |
| | | 20 pole IVB WKF 1,5-20 | Z7.268.2027.0 | 10 |
|  | Wire entry guide | 0.13-0.2 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 | yellow ADF 1,5/5 GELB | 04.343.6953.8 | 10 |
|  | Marking tag carrier, 2-fold | BT 4/2 | 04.243.0953.0 | 100 |
|  | Screwdriver, uninsulated | DIN 5264 B 0,4x2,5 | 06.502.4300.0 | 5 |

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 149



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

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

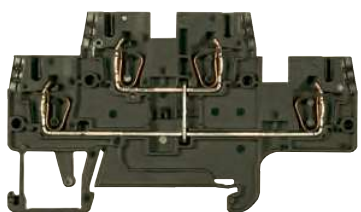
Note

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 149



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

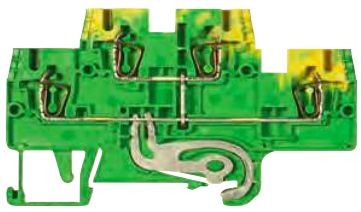
| General data | | | | |
|---------------------------------------|--------------------------|-------|--------------------|-------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB | | PTB 04 ATEX 1051 U | |
| 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 | 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 149

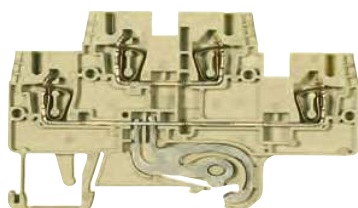


| Description | Type | Part No. | Std. Pack |
|----------------------------|------------------|---------------|-----------|
| Ground block, green/yellow | WKFN 2,5 E/SL/35 | 56.703.8955.0 | 100 |

| General data | | | | |
|---------------------------------------|--------------------------|-------|--------------------|-------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB | | 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 E/D/SL/35
WKFN 2,5 E/N/SL/35

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



| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--------------------------|---------------|------------|
| Multi-tier block, combined, gray | WKFN 2,5 E/D/SL/35 | 56.703.7855.0 | 100 |
| Multi-tier block, combined, gray | WKFN 2,5 E/N/SL/35 | 56.703.7755.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | | | |
| Technical data | IEC | UL | CSA |
| | EN 60 947-7-1 | | |
| Cross section fine-stranded | 0.13–2.5 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

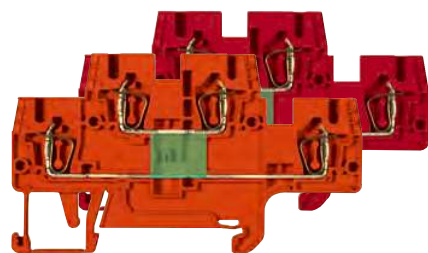
| | Function | Color ID |
|------------|------------------|--------------|
| Upper tier | Feed-through | gray |
| Lower tier | Ground conductor | green/yellow |

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



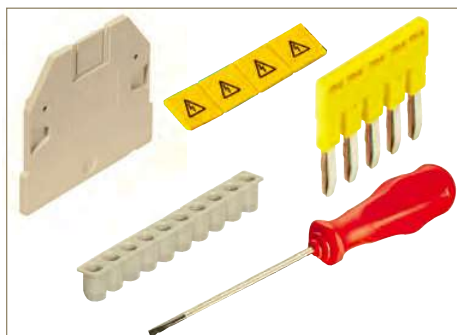
| Description | Type | Part No. | Std. Pack |
|---------------------------------------|----------------------------|---------------|------------|
| Multi-tier function block, red | WKFN 2,5 E.../35 | 56.703.XX55.5 | 100 |
| Multi-tier function block, orange | WKFN 2,5 E.../35 | 56.703.XX55.9 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | | | |
| Technical data | IEC | UL | CSA |
| | EN 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 |

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 | | | 56.703.7255.5 LED red | | R = 4.7 kΩ P = 0.5 W U = 24 V DC |
| 56.703.8055.9 | | I = 1 A U = 1000 V | | | |
| 56.703.8355.5 | | I = 1 A U = 1000 V | 56.703.7355.5 | | R = 680 kΩ P = 0.25 W U = 100-500 V |


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

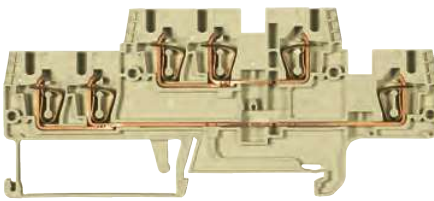








| Accessories | Type | Part No. | Std. Pack |
|---|--------------------------|--------------------|---------------|
| End plate | gray APFN 2,5 E | 07.312.7355.0 | 10 |
| Partition | gray WFN 2,5 E | 07.312.7455.0 | 10 |
| Cross connector, insulated | 2 pole | IVB WKF 2,5–2 | Z7.280.6227.0 |
| | 3 pole | 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

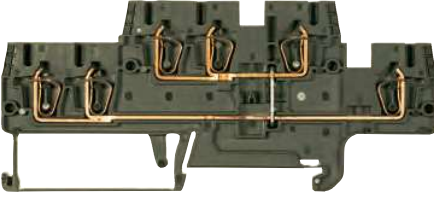
- Duo multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
 Follow the EX installation instructions on page 149









| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|--|
| Multi-tier block, gray | WKFN 2,5 E1/2/35 | 56.703.6055.0 | 50 |
| Multi-tier block, combined, gray | WKFN 2,5 E1/2/N/D/35 | 56.703.6355.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB      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 |
| Rated voltage | 500 V | 300 V | 300 V |
| 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

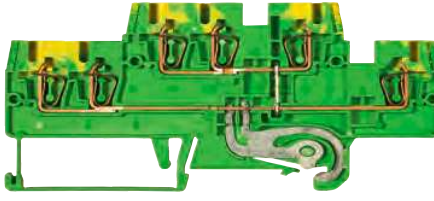
- Duo multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
 Follow the EX installation instructions on page 149









| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|--|
| Multi-tier block, black | WKFN 2,5 E1/2/VB/35 | 56.703.5955.1 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB      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 |
| Rated voltage | 500 V | 300 V | 300 V |
| Rated impulse voltage | 6 kV | | |
| Pollution degree | 3 | | |
| Note | ¹ 1. value at 40 K / 2. value at 45 K | | |
| Accessories | | | |
| Partition, gray | TWFN 2,5 E1/2 | 07.312.7855.0 | 10 |

WKFN 2,5 E1/2/SL/35

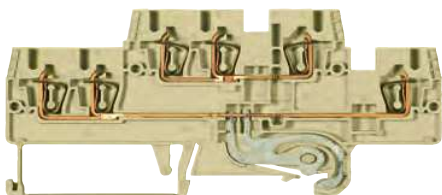
- Duo multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
 Follow the EX installation instructions on page 149



| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|--|
| Ground block, green/yellow | WKFN 2,5 E1/2/SL/35 | 56.703.6255.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB      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 | 50 |
| Multi-tier block, combined, gray | WKFN 2,5 E1/2/N/SL/35 | 56.703.6455.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | | | |
| Technical data | | IEC | UL CSA |
| | EN 60 947-7-1 | | |
| Cross section fine-stranded | 0.13–2.5 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 |

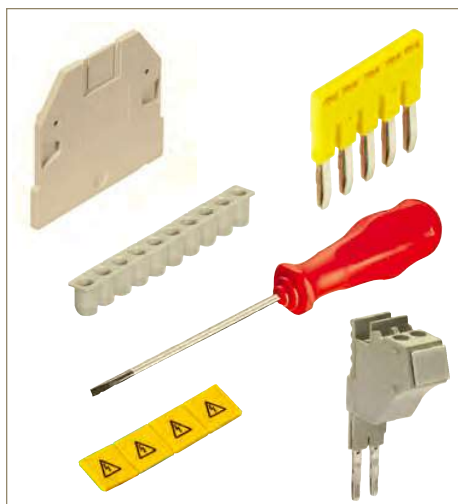
WKFN 2,5 E1/2/VB/35 Block color: black

| | 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/...

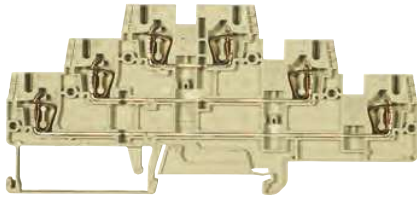













| Accessories | Type | Part No. | Std. Pack |
|---|--------------------------|--------------------|---------------|
| End plate | gray APFN 2,5 E1/2 | 07.312.7755.0 | 10 |
| Partition | gray TWFN 2,5 E1/2 | 07.312.7855.0 | 10 |
| Cross connector, insulated | 2 pole | IVB WKF 2,5–2 | Z7.280.6227.0 |
| | 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 | 100 |
| Test adapter, modular | PS WKCF | 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 |

Multi-tier terminal blocks with tension spring connection


WKFN 2,5 E3/35

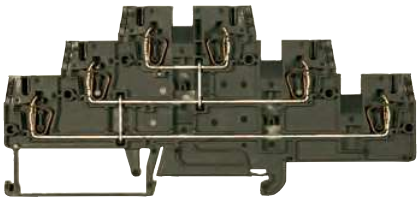
- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149













| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|-------------------------|
| Multi-tier block, gray | WKFN 2,5 E3/35 | 56.703.3055.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB            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

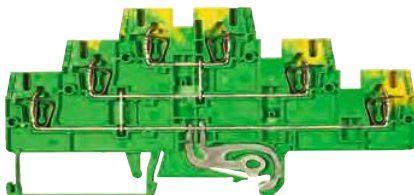
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²
- Ex e I/II  II 2GD IM2
Follow the EX installation instructions on page 149













| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|-------------------------|
| Multi-tier block, black | WKFN 2,5 E3/VB/35 | 56.703.2955.1 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB           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 149

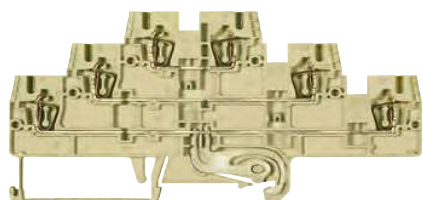


| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|-------------------------|
| Multi-tier ground block, green/yellow | WKFN 2,5 E/SL/35 | 56.703.8855.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | PTB           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



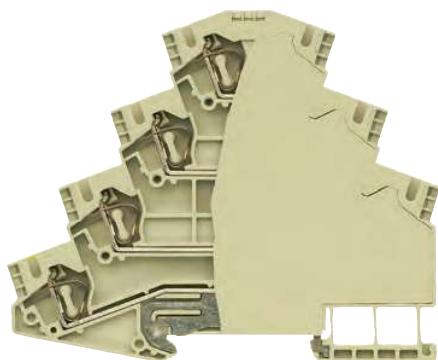
| Description | Type | Part No. | Std. Pack |
|------------------------|-----------------------|---------------|-----------|
| Multi-tier block, gray | WKFN 2,5 E3/D/D/SL/35 | 56.703.3355.0 | 50 |
| Multi-tier block, gray | WKFN 2,5 E3/N/D/SL/35 | 56.703.3255.0 | 50 |

| General data | | | | |
|---------------------------------------|--------------------------|-------|-------|-----|
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | | | | |
| Technical data | | IEC | UL | CSA |
| EN 60 947-7-1 | | | | |
| Cross section fine-stranded | 0.13–2.5 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 | | | Block color: gray | | | WKFN 2,5 E3/D/D/SL/35 | | | Block color: gray | | |
|-----------------------|------------------|--------------|-------------------|------------------|--------------|-----------------------|------------------|--------------|-------------------|------------------|--------------|
| | Function | Color ID | | Function | Color ID | | Function | Color ID | | Function | Color ID |
| Upper tier | Feed-through | blue | | Feed-through | gray | | Feed-through | gray | | Feed-through | gray |
| Center tier | Feed-through | gray | | Feed-through | gray | | Feed-through | gray | | Feed-through | gray |
| Lower tier | Ground conductor | green/yellow | | Ground conductor | green/yellow | | Ground conductor | green/yellow | | Ground conductor | green/yellow |

WKF 4 3D/SL

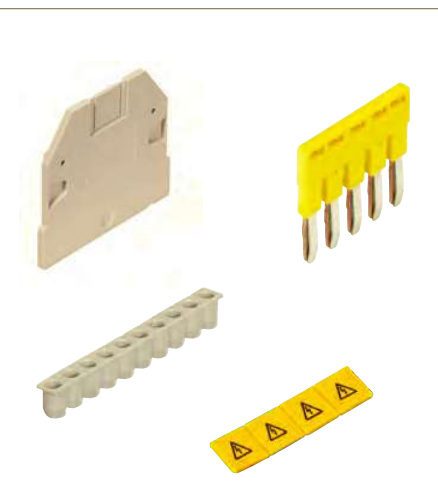
- Motor connection block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm²



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

| General data | | | | |
|---------------------------------------|--------------------------|-------|-------|-----|
| Width / length / height, incl. TS 7.5 | 6 mm / 100 mm / 84 mm | | | |
| Wire strip length | 10 mm | | | |
| Approvals | | | | |
| Technical data | | IEC | UL | CSA |
| EN 60947-7-1/DIN VDE 0611 T1 | | | | |
| Cross section fine-stranded | 0.13 – 4 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 | 10 |
| Partition | gray | TWFN 2,5 E3 | 07.312.7655.0 | 10 |
| Cross connector, insulated | 2 pole | IVB WKF 2,5–2 | Z7.280.6227.0 | 10 |
| | 3 pole | IVB WKF 2,5–3 | Z7.280.6327.0 | 10 |
| | 4 pole | IVB WKF 2,5–4 | Z7.280.6427.0 | 10 |
| | 5 pole | IVB WKF 2,5–5 | Z7.280.6527.0 | 10 |
| | 10 pole | IVB WKF 2,5–10 | Z7.280.7027.0 | 20 |
| | 20 pole | IVB WKF 2,5–20 | Z7.280.8027.0 | 20 |
| Vertical cross connector | 1 pole | IVB WKF–V | Z7.261.1127.0 | 10 |
| Wire entry guide | 0.13–0.2 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 |
| Marking tag carrier, 2-fold | | BT 5/2 | 04.243.0855.0 | 100 |





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 149



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

| General data | | | | |
|---------------------------------------|--|-------|-------|-------------------------|
| Width / length / height, incl. TS 7,5 | 6 mm / 90 mm / 48 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB     PTB 05 ATEX 1104 U | | | |
| Technical data | IEC | UL | CSA | Ex |
| | 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 149




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

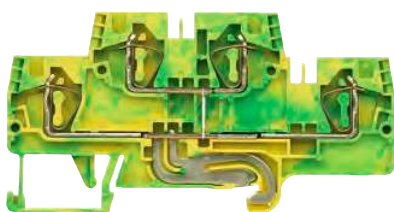
| General data | | | | |
|---------------------------------------|--|-------|-------|------------------------|
| Width / length / height, incl. TS 7,5 | 6 mm / 90 mm / 48 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB     PTB 05 ATEX 1104 U | | | |
| Technical data | IEC | UL | CSA | Ex |
| | 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 149



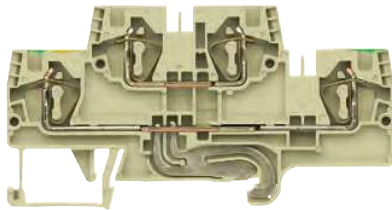
| Description | Type | Part No. | Std. Pack |
|---------------------------------------|----------------|---------------|-----------|
| Multi-tier ground block, green/yellow | WKFN 4 E SL/35 | 56.704.9255.0 | 100 |

| General data | | | | |
|---------------------------------------|--|-------|-------|------------------------|
| Width / length / height, incl. TS 7,5 | 6 mm / 90 mm / 48 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | PTB     PTB 05 ATEX 1104 U | | | |
| Technical data | IEC | UL | CSA | Ex |
| | 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 149



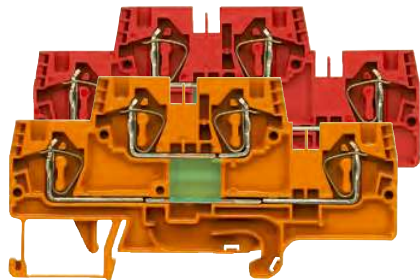
| Description | Type | Part No. | Std. Pack |
|----------------------------------|------------------|---------------|-----------|
| Multi-tier block, combined, gray | WKFN 4 E/D/SL/35 | 56.704.7855.0 | 100 |
| Multi-tier block, combined, gray | WKFN 4 E/N/SL/35 | 56.704.7755.0 | 100 |

| General data | | | | |
|---------------------------------------|------------------------|-------|-------|-----|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 48 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | | | | |
| Technical data | | IEC | UL | CSA |
| | EN 60 947-7-1 | | | |
| Cross section fine-stranded | 0.13–4 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 | | Function | Color ID | | Function | Color ID | | Function | Color ID |
| Upper tier | Feed-through | gray | Upper tier | Feed-through | blue | Lower tier | Ground conductor | green/yellow | 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 |

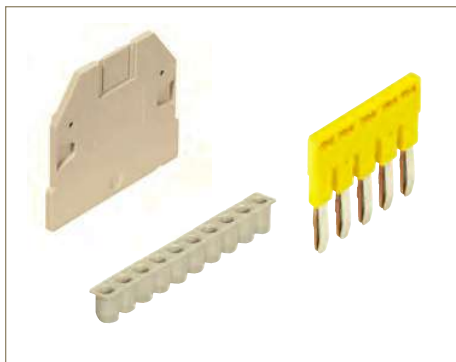
| General data | | | | |
|---------------------------------------|--------------------------|-------|-------|-----|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 48 mm | | | |
| Wire strip length | 11 mm | | | |
| Approvals | | | | |
| Technical data | | IEC | UL | CSA |
| | EN 60 947-7-1 | | | |
| 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 | |

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

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

| | | | | | | | |
|--------------------------------|--|-----------------------|--------------------------|--|---|--|--|
| 56.704.7555.9 56.704.7555.5 | | | | | | | |
| 56.704.7155.5 56.704.7155.9 | | | | | | | |
| 56.704.8055.9 | | I = 1 A U = 1000 V | | | | | |
| 56.704.8255.5 | | I = 1 A U = 1000 V | 56.704.7455.9 LED red | | R = 4.7 kΩ P = 0.5 W U = 24 V DC | | |
| 56.704.7955.5 | | I = 1 A U = 1000 V | 56.704.7255.5 LED red | | R = 4.7 kΩ P = 0.5 W U = 24 V DC | | |
| 56.704.8355.5 | | I = 1 A U = 1000 V | 56.704.7355.5 | | R = 680 kΩ P = 0.25 W U = 100-500 V | | |

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

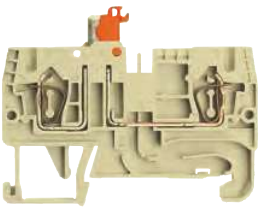



| Accessories | Type | Part No. | Std. Pack |
|----------------------------|-------------------------------------|-----------------|---------------|
| End plate | gray APFN 4 E... | 07.312.9655.0 | 10 |
| Partition | gray TWFN 4 E... | 07.312.9755.0 | 10 |
| Cross connector, insulated | 2 pole | IVB WKF 4–2 | Z7.261.1227.0 |
| | 3 pole | IVB WKF 4–3 | Z7.261.1327.0 |
| | 4 pole | IVB WKF 4–4 | Z7.261.1427.0 |
| | 5 pole | IVB WKF 4–5 | Z7.261.1527.0 |
| | 6 pole | IVB WKF 4–6 | Z7.261.1627.0 |
| | 7 pole | IVB WKF 4–7 | Z7.261.1727.0 |
| | 8 pole | IVB WKF 4–8 | Z7.261.1827.0 |
| | 9 pole | IVB WKF 4–9 | Z7.261.1927.0 |
| | 10 pole | IVB WKF 4–10 | Z7.261.2027.0 |
| | Vertical cross connector, insulated | 1 pole | IVB WKF-V |
| 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 |
| | 0.75–1.0 mm ² | LEL 4/3 SCHWARZ | 05.561.8753.0 |

Disconnect terminal blocks with tension spring connection

WKFN 2,5 TKM/35


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




| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|------------|
| Disconnect terminal block, gray | WKFN 2,5 TKM/35 | 56.703.5355.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals |  | | |
| Technical data | IEC | UL | CSA |
| | EN 60947-7-1 | | |
| Cross section fine-stranded | 0.14 – 2.5 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 D1/2 | 07.312.6955.0 | 10 |
| Partition, gray | TWPN 2,5 D1/2 | 07.312.7055.0 | 10 |

WKFN 2,5 TKM 1/2/35

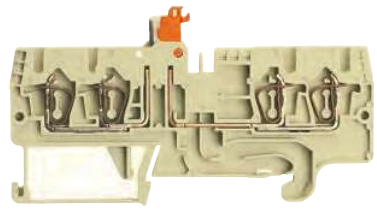
- Duo disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²




| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|------------|
| Disconnect terminal block, gray | WKFN 2,5 TKM 1/2/35 | 56.703.5455.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 72 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals |  | | |
| Technical data | IEC | UL | CSA |
| | EN 60947-7-1 | | |
| Cross section fine-stranded | 0.14 – 2.5 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 D2/2 | 07.312.7155.0 | 10 |
| Partition, gray | TWPN 2,5 D2/2 | 07.312.7255.0 | 10 |

WKFN 2,5 TKM 2/2/35

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

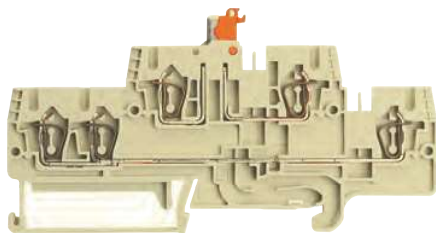


| Description | Type | Part No. | Std. Pack |
|---------------------------------------|--|---------------|------------|
| Disconnect terminal block, gray | WKFN 2,5 TKM 2/2/35 | 56.703.5555.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 85 mm / 38 mm | | |
| Wire strip length | 11 mm | | |
| Approvals |  | | |
| Technical data | IEC | UL | CSA |
| | EN 60947-7-1 | | |
| Cross section fine-stranded | 0.14 – 2.5 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 TKM D2/2 | 07.313.0055.0 | 10 |
| Partition, gray | TWPN 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

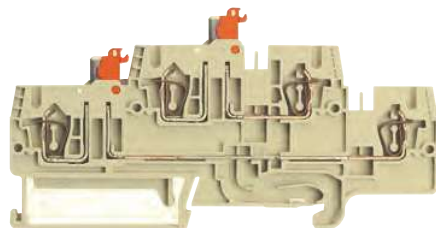
- Multi-tier disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm²



| 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 E1/2 | 07.312.7755.0 | 10 |
| Partition, gray | TWFN 2,5 E1/2 | 07.312.7855.0 | 10 |

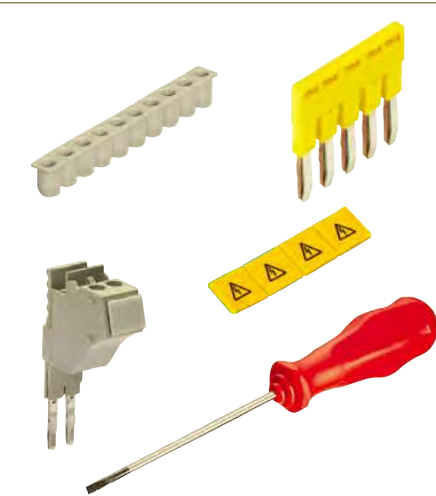
WKFN 2,5 TKM E2/35

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



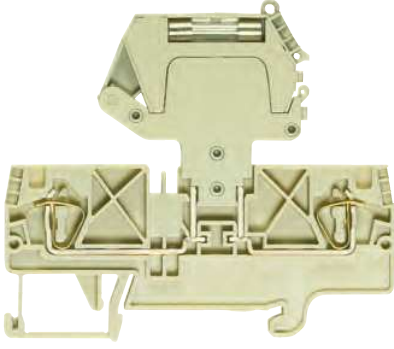

| Description | Type | Part No. | Std. Pack |
|---------------------------------------|----------------------------|---------------|------------|
| Disconnect terminal block, gray | WKFN 2,5 TKM E2/35 | 56.703.6655.0 | 50 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm | | |
| Wire strip length | 11 mm | | |
| Approvals | | | |
| Technical data | IEC | UL | CSA |
| | EN 60947-7-1 | | |
| Cross section fine-stranded | 0.14 – 2.5 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 | | | |
| | Type | Part No. | Std. Pack |
| End plate, gray | APFN 2,5 E1/2 | 07.312.7755.0 | 10 |
| Partition, gray | TWFN 2,5 E1/2 | 07.312.7855.0 | 10 |

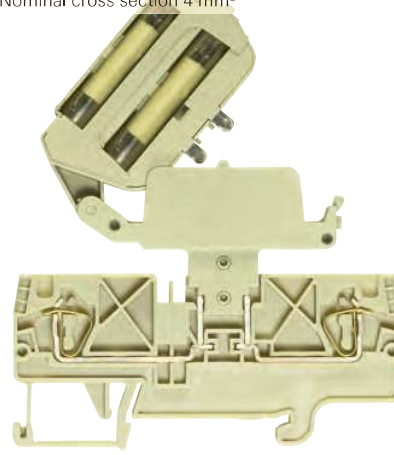

Accessories for *fasis* WKFN 2,5 TKM...



| Accessories | Type | Part No. | Std. Pack |
|---|----------------------|--------------------------|------------------|
| Cross connector, insulated | 2 pole | IVB WKF 2,5–2 | Z7.280.6227.0 |
| | 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 |
| | 6 pole | IVB WKF 2,5–6 | Z7.280.6627.0 |
| | 7 pole | IVB WKF 2,5–7 | Z7.280.6727.0 |
| | 8 pole | IVB WKF 2,5–8 | Z7.280.6827.0 |
| | 9 pole | IVB WKF 2,5–9 | Z7.280.6927.0 |
| | 10 pole | IVB WKF 2,5–10 | Z7.280.7027.0 |
| | 20 pole | IVB WKF 2,5–20 | Z7.280.8027.0 |
| | Wire entry guide | 0.13–0.2 mm ² | LELN 2,5/1 WEISS |
| 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 |
| Test adapter, modular | PS WKCF | 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 | | Description | Type | Part No. | Std. Pack |
|---|--|--|-----------------|---------------|-----------|
| <ul style="list-style-type: none"> Disconnect block with tension spring connection for mounting on TS 35 Nominal cross section 4 mm²  | | 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 | | | | | |
| Rated current | | ¹⁾ | | | |
| Rated voltage | | 500 V ²⁾ | | | |
| Rated impulse voltage | | 8 kV | | | |
| Pollution degree | | 3 | | | |
| Accessories | | | | | |
| | | Type | Part No. | Std. Pack | |
| End plate, gray | | APFN 4 D2/2 | 07.312.9055.0 | 10 | |
| Partition, gray | | TWFN 4 D2/2 | 07.312.9155.0 | 10 | |

| WKFN 4 TKG with THSi 6,3 x 32 | | Description | Type | Part No. | Std. Pack |
|--|--|--|-------------------|---------------|-----------|
| <ul style="list-style-type: none"> Disconnect block with tension spring connection for mounting on TS 35 Nominal cross section 4 mm²  | | 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 |
| 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⁾ | | | |
| Rated voltage | | 500 V ²⁾ | | | |
| Rated impulse voltage | | 8 kV | | | |
| Pollution degree | | 3 | | | |
| Accessories | | | | | |
| | | Type | Part No. | Std. Pack | |
| End plate, gray | | APFN 4 D2/2 | 07.312.9055.0 | 10 | |
| Intermediate plate, 4 mm, gray | | ZP/WKFN 4 TKG | 07.313.1655.0 | 10 | |
| Partition, gray | | TWFN 4 D2/2 | 07.312.9155.0 | 10 | |

Info and accessories for *fasis* WKFN 4 TKG with THSi...

¹⁾ The current is determined by the inserted fuse.
²⁾ The voltage range is determined by the built-in LED display.
 Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders.
 Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

Indicator (24 V): LED, red
current consumption: 10.3 mA
 Indicator (220 V): LED, red
current consumption: 0.3 mA

When selecting G fuse inserts, make sure that the specified maximum power is not exceeded.
 Maximum power loss at 23° C ambient temperature (according to DIN EN 60947-7-3)

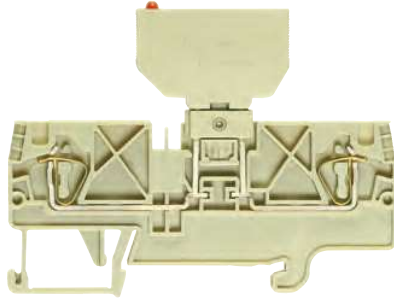
| Type | Rated voltage | Overload protection | | Exclusive short-circuit protection | |
|-------------|---------------|---------------------|-------------------|------------------------------------|-------------------|
| | | Single arrangement | Group arrangement | Single arrangement | Group arrangement |
| THSi 5x20 | 250 V | 1,6W | 1,6W | 4,0W | 2,5W |
| THSi 6,3x32 | 500 V | 2,5W | 1,6W | 4,0W | 2,5W |

| Accessories | | Type | Part No. | Std. Pack | | |
|--|---------------|----------------------|---------------|--|---------------|-----|
| Cross connector, insulated | | 2 pole IVB WKF 4-2 | Z7.261.1227.0 | 10 | | |
| for WKFN 4 TKG with THSi 5x20 | | 3 pole IVB WKF 4-3 | Z7.261.1327.0 | 10 | | |
| | | 4 pole IVB WKF 4-4 | Z7.261.1427.0 | 10 | | |
| | | 5 pole IVB WKF 4-5 | Z7.261.1527.0 | 10 | | |
| | | 6 pole IVB WKF 4-6 | Z7.261.1627.0 | 10 | | |
| | | 7 pole IVB WKF 4-7 | Z7.261.1727.0 | 20 | | |
| | | 8 pole IVB WKF 4-8 | Z7.261.1827.0 | 20 | | |
| | | 9 pole IVB WKF 4-9 | Z7.261.1927.0 | 20 | | |
| | | 10 pole IVB WKF 4-10 | Z7.261.2027.0 | 20 | | |
| | | Wire entry guide | | 0.13–0.2 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

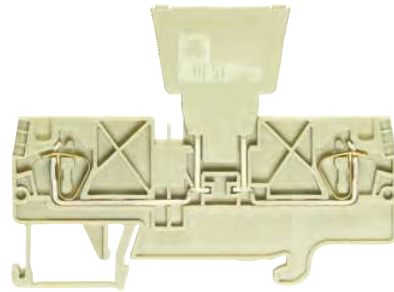


| Description | Type | Part No. | Std. Pack |
|--|---------------|---------------|-----------|
| Disconnect block, gray | WKFN 4 TKG/35 | 56.704.4055.0 | 100 |
| Fuse holder for fuse 5 x 20 | Si ST | Z1.299.4055.0 | 10 |
| Fuse holder with indicator (24 V) ²⁾ | Si ST LED | Z1.299.4155.0 | 10 |
| Fuse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

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⁾

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

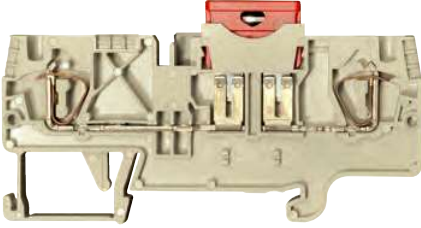
| Accessories | Type | Part No. | Std. Pack |
|---|----------------------|--------------------------|---------------|
| Cross connector, insulated | 2 pole | IVB WKF 4-2 | Z7.261.1227.0 |
| | 3 pole | IVB WKF 4-3 | Z7.261.1327.0 |
| | 4 pole | IVB WKF 4-4 | Z7.261.1427.0 |
| | 5 pole | IVB WKF 4-5 |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

When selecting G fuse inserts, make sure that the specified maximum power is not exceeded. Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

Fuse blocks with tension spring connection

WKFN 4 FSI

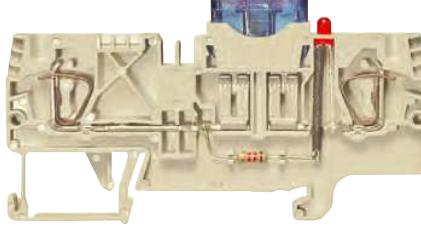
- Fuse block for automobile fuses for mounting on TS 35
- Nominal cross section 4 mm²



| 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, 4 mm for TCP, gray | ZP/WKFN 4 TKG | 07.313.1655.0 | 10 |
| Partition, gray | TWFN 4 D2/2 | 07.312.9155.0 | 10 |

WKFN 4 FSI

- Fuse block with indicator for mounting on TS 35
- Nominal cross section 4 mm²




| Description | Type | Part No. | Std. Pack |
|---------------------------------------|---|---------------|------------|
| Fuse block, gray | WKFN 4 FSI LED12 | 56.704.4255.0 | 100 |
| Fuse block, gray | WKFN 4 FSI LED24 | 56.704.5355.0 | 100 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 39 mm | | |
| Wire strip length | 12 mm | | |
| Approvals | | | |
| Technical data | IEC | UL | CSA |
| | EN 60947-7-3 | | |
| Cross section fine-stranded | 0.13 – 4 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, 4 mm for TCP, gray | ZP/WKFN 4 TKG | 07.313.1655.0 | 10 |
| Partition, gray | TWFN 4 D2/2 | 07.312.9155.0 | 10 |

Automotive fuses

The WKFN 4 FSI .. type fuse blocks take blade-type fuses according to ISO 8820 (DIN 72581-3). Automotive fuses are not offered for sale by Wieland Electric!

We recommend the following:

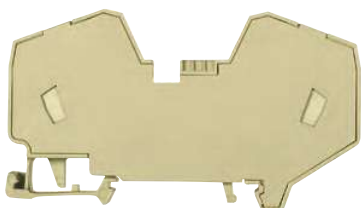


| Description | Color | |
|---|--------|-------|
| Blade-type automobile fuse, DC 32 V | black | 1 A |
| Electrotechnical specialized trade | gray | 2 A |
| Motor vehicle accessory market | violet | 3 A |
| | pink | 4 A |
| | beige | 5 A |
| | brown | 7.5 A |
| | red | 10 A |
| | blue | 15 A |
| | yellow | 20 A |
| Thermal circuit breaker, DC 32 V | | 5 A |
| ETA*, type 1610-21 or | | 6 A |
| ETA*, type 1610-H2 with manual release | | 10 A |
| | | 15 A |
| | | 20 A |
| Thermal circuit breaker, AC 250 V, DC 65 V | | 0.1 A |
| ETA*, type 1180 .. | | 0.2 A |
| | | 0.5 A |
| | | 1 A |
| | | 2 A |
| | | 3 A |
| | | 4 A |
| | | 6 A |
| | | 8 A |
| | | 10 A |

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 149



| Description | Type | Part No. | Std. Pack |
|---|--|---------------|----------------------|
| Supply terminal, gray | WKF 16/35 PV/WKFN | 56.716.0353.0 | 20 |
| General data | | | |
| Width / length / height, incl. TS 7.5 | 12 mm / 82 mm / 48 mm | | |
| Wire strip length | 15 mm | | |
| Approvals | ATEX KEMA 01 ATEX 2087 U | | |
| Technical data | IEC | UL | CSA |
| | 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 |
| Rated voltage | 800 V | 600 V | 600 V |
| Rated impulse voltage | 8 kV | | 690 V |
| Pollution degree | 3 | | |
| Note | ¹⁾ Derating curves available on request | | |
| Accessories | | | |
| Description | Type | Part No. | Std. Pack |
| Cover with warning symbol over 4 blocks | ADF 16/4 GELB | 04.343.6653.8 | 10 |
| Screwdriver, unisulated | DIN 5264 B 1,0x5,5 | 06.502.4200.0 | 5 |

| Potential distribution | one side | | both sides | |
|------------------------|----------|--------|------------|--------|
| | single | double | single | double |
| I_{max} | 64 | 76 | 76 | 76 |
| I_{block} | 32 | 32 | 32 | 32 |

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

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 |
| | 3 blocks | IVB WKF 4–3 | Z7.261.1327.0 |
| | 4 blocks | IVB WKF 4–4 | Z7.261.1427.0 |
| | 5 blocks | IVB WKF 4–5 | Z7.261.1527.0 |
| | 6 blocks | IVB WKF 4–6 | Z7.261.1627.0 |
| | 7 blocks | IVB WKF 4–7 | Z7.261.1727.0 |
| | 8 blocks | IVB WKF 4–8 | Z7.261.1827.0 |
| | 9 blocks | IVB WKF 4–9 | Z7.261.1927.0 |
| | 10 blocks | IVB WKF 4–10 | Z7.261.1027.0 |
| 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 |
| | 0.75–1.0 mm ² | LEL 4/1 SCHWARZ | 05.561.8753.0 |
| Cover with warning symbol over 4 blocks | yellow | ADF 4/4 GELB | 04.343.6153.8 |
| Screwdriver, unisulated | | DIN 5264 B 0,6x3,5 | 06.502.4000.0 |
| Screwdriver, unisulated, MINI | | DIN 5264 B 0,6x3,5 M | 06.502.5000.0 |