

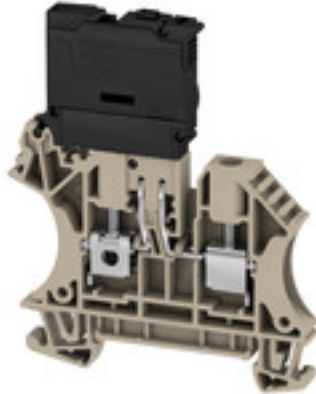
WFS 4 100-250V DB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

| | |
|------------|--|
| Version | W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection |
| Order No. | 2561950000 |
| Type | WFS 4 100-250V DB |
| GTIN (EAN) | 4050118570427 |
| Qty. | 50 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 75 mm | Depth (inches) | 2.953 inch |
| Depth including DIN rail | 75.5 mm | Height | 62.5 mm |
| Height (inches) | 2.461 inch | Net weight | 17.687 g |
| Width | 6.1 mm | Width (inches) | 0.24 inch |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C | | |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|---------------------------------|-------------------------------|-----|
| Version | Screw connection, Fuse isolator | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

| | | | |
|--|---------------------|--|---------------------|
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 1.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded, two clampable wires, min. | 0.5 mm ² | Wire cross-section, finely stranded, two clampable wires, max. | 1.5 mm ² |

Additional technical data

| | | | |
|------------|-------|------------------|---------|
| Open sides | right | Type of mounting | Snap-on |
|------------|-------|------------------|---------|

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1057876 | Current size B (CSA) | 10 A |
| Current size D (CSA) | 10 A | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 22 AWG | | |

Conductors for clamping (rated connection)

| | |
|------------|--------------|
| Blade size | 0.6 x 3.5 mm |
|------------|--------------|

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| | | | | | |
|--|--|------------------------------|---------------------|--------|--|
| Clampable conductor | Connection specification | | Screw connection | | |
| | Cross-section for conductor connection | Type | solid, H05(07) V-U | | |
| | | min. | 0.5 mm ² | | |
| | | max. | 6 mm ² | | |
| | | nominal | 4 mm ² | | |
| | wire end ferrule | Stripping length | min. | 13 mm | |
| | | | max. | 13 mm | |
| | | | nominal | 13 mm | |
| | | Tightening torque | min. | 0.5 Nm | |
| | | | max. | 0.6 Nm | |
| | | Recommended wire-end ferrule | | | |
| | Connection specification | | Screw connection | | |
| Cross-section for conductor connection | Type | stranded, H07V-R | | | |
| | min. | 1.5 mm ² | | | |
| | max. | 6 mm ² | | | |
| | nominal | 4 mm ² | | | |
| wire end ferrule | Stripping length | min. | 13 mm | | |
| | | max. | 13 mm | | |
| | | nominal | 13 mm | | |
| | Tightening torque | min. | 0.5 Nm | | |
| | | max. | 0.6 Nm | | |
| | Recommended wire-end ferrule | | | | |
| Connection specification | | Screw connection | | | |
| Cross-section for conductor connection | Type | flexible, H05(07) V-K | | | |
| | min. | 0.5 mm ² | | | |
| | max. | 4 mm ² | | | |
| | nominal | 4 mm ² | | | |
| wire end ferrule | Stripping length | min. | 13 mm | | |
| | | max. | 13 mm | | |
| | | nominal | 13 mm | | |
| | Tightening torque | min. | 0.5 Nm | | |
| | | max. | 0.6 Nm | | |
| | Recommended wire-end ferrule | | | | |
| Clamping range, max. | 6 mm ² | | | | |
| Clamping range, min. | 0.22 mm ² | | | | |
| Clamping screw | M 3 | | | | |
| Connection cross-section, stranded, max. | 6 mm ² | | | | |
| Connection cross-section, stranded, min. | 1.5 mm ² | | | | |
| Connection direction | on side | | | | |
| Gauge to IEC 60947-1 | A4 | | | | |
| Number of connections | 2 | | | | |
| Stripping length | 13 mm | | | | |
| Tightening torque, max. | 0.6 Nm | | | | |
| Tightening torque, min. | 0.5 Nm | | | | |
| Torque level with DMS electric screwdriver | 2 | | | | |
| Type of connection | Screw connection | | | | |
| Wire connection cross section AWG, max. | AWG 10 | | | | |
| Wire connection cross section AWG, min. | AWG 26 | | | | |
| Wire connection cross section, finely stranded, max. | 4 mm ² | | | | |

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| | |
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| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 6 mm ² |
| Wire connection cross-section, solid core, min. | 0.5 mm ² |

Display element

| | | | |
|---------|-------|-------------------------------|-------|
| Current | 6.3 A | Type of voltage for indicator | AC/DC |
|---------|-------|-------------------------------|-------|

Fuse terminals

| | | | |
|-------------------------|--------------|--------------------------------|----------|
| Cartridge fuse | G-Si. 5 x 20 | Current | 6.3 A |
| Display | LED | Fuse holder (cartridge holder) | Pivoting |
| Operating voltage, max. | 250 V | Type of voltage for indicator | AC/DC |

General

| | | | |
|---|--------|---|---------------|
| Rail | TS 35 | Standards | IEC 60947-7-3 |
| Wire connection cross section AWG, max. | AWG 10 | Wire connection cross section AWG, min. | AWG 26 |

Rating data

| | | | |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section | 4 mm ² | Rated voltage | 250 V |
| Rated voltage to adjoining terminal | 400 V | Rated current | 6.3 A |
| Current at maximum wires | 6.3 A | Standards | IEC 60947-7-3 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ | Rated impulse withstand voltage | 6 kV |
| Power loss in accordance with IEC 60947-7-x | 1.02 W | Pollution severity | 3 |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 22 AWG | Conductor size Field wiring max. (cURus) | 10 AWG |
| Conductor size Field wiring min. (cURus) | 22 AWG | Current size B (cURus) | 10 A |
| Current size D (cURus) | 10 A | Voltage size B (cURus) | 300 V |
| Voltage size D (cURus) | 300 V | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ECLASS 9.0 | 27-14-11-16 | ECLASS 9.1 | 27-14-11-16 |
| ECLASS 10.0 | 27-14-11-16 | ECLASS 11.0 | 27-14-11-16 |

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Data sheet**WFS 4 100-250V DB**

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Technical data**Approvals**

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E60693 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DNVGL Certificate Declaration of Conformity |
| Engineering Data | STEP |
| Engineering Data | EPLAN |
| User Documentation | StorageConditionsTerminalBlocks |
| Brochure/Catalogue | Catalogues in PDF-format |

Data sheet

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Drawings

