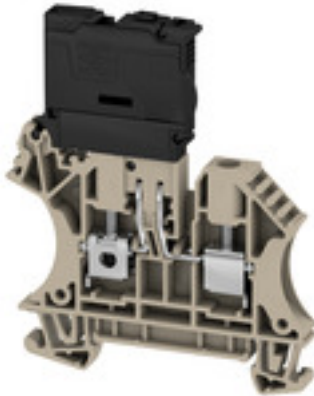


**WFS 4 10-36V DB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 <sup>2</sup> , Screw connection |
| Order No.  | <a href="#">2562060000</a>                                                         |
| Type       | WFS 4 10-36V DB                                                                    |
| GTIN (EAN) | 4050118570533                                                                      |
| Qty.       | 50 pc(s).                                                                          |

## WFS 4 10-36V DB

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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     | 17.665 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 <sup>2</sup> | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, two clampable wires, min.                                  | 0.5 mm <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max.                                             | 1.5 mm <sup>2</sup> |

## 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 |
|------------|--------------|

## WFS 4 10-36V DB

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

|                                                      |                                        |                              |                       |        |
|------------------------------------------------------|----------------------------------------|------------------------------|-----------------------|--------|
| Clampable conductor                                  | Connection specification               |                              | Screw connection      |        |
|                                                      | Cross-section for conductor connection | Type                         | solid, H05(07) V-U    |        |
|                                                      |                                        | min.                         | 0.5 mm <sup>2</sup>   |        |
|                                                      |                                        | max.                         | 6 mm <sup>2</sup>     |        |
|                                                      |                                        | nominal                      | 4 mm <sup>2</sup>     |        |
|                                                      | 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 <sup>2</sup>   |        |
|                                                      |                                        | max.                         | 6 mm <sup>2</sup>     |        |
|                                                      |                                        | nominal                      | 4 mm <sup>2</sup>     |        |
|                                                      | 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 <sup>2</sup>   |        |
|                                                      |                                        | max.                         | 4 mm <sup>2</sup>     |        |
|                                                      |                                        | nominal                      | 4 mm <sup>2</sup>     |        |
| 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 <sup>2</sup>            |                       |        |
| Clamping range, min.                                 |                                        | 0.22 mm <sup>2</sup>         |                       |        |
| Clamping screw                                       |                                        | M 3                          |                       |        |
| Connection cross-section, stranded, max.             |                                        | 6 mm <sup>2</sup>            |                       |        |
| Connection cross-section, stranded, min.             |                                        | 1.5 mm <sup>2</sup>          |                       |        |
| 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 <sup>2</sup>            |                       |        |

## WFS 4 10-36V DB

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 4 mm<sup>2</sup>

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm<sup>2</sup>

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 4 mm<sup>2</sup>

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.5 mm<sup>2</sup>

Wire connection cross-section, solid core, max. 6 mm<sup>2</sup>

Wire connection cross-section, solid core, min. 0.5 mm<sup>2</sup>

## 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. | 36 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 <sup>2</sup> | Rated voltage                   | 36 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 |

**WFS 4 10-36V DB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



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

**Downloads**

|                                             |                                                                                |
|---------------------------------------------|--------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">DNVGL Certificate</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                           |
| Engineering Data                            | <a href="#">EPLAN</a>                                                          |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                |
| Brochure/Catalogue                          | <a href="#">Catalogues in PDF-format</a>                                       |

## WFS 4 10-36V DB

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

