

**W-Series  
WFS 4 60-150V DB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

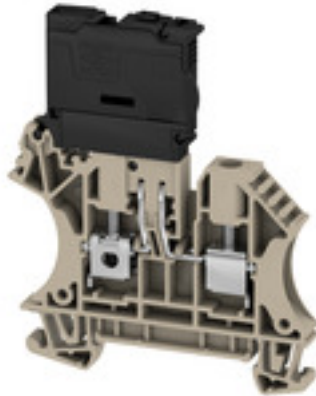
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Type       | WFS 4 60-150V DB                                                                   |
| Order No.  | <a href="#">2561940000</a>                                                         |
| Version    | W-Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4050118570410                                                                      |
| Qty.       | 50 pc(s).                                                                          |

**W-Series**  
**WFS 4 60-150V DB**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data**
**Dimensions and weights**

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 6.1 mm  | Width (inches)  | 0.24 inch  |
| Height                   | 62.5 mm | Height (inches) | 2.461 inch |
| Depth                    | 75 mm   | Depth (inches)  | 2.953 inch |
| Depth including DIN rail | 75.5 mm | Net weight      | 17.655 g   |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

**Material data**

|                           |       |             |            |
|---------------------------|-------|-------------|------------|
| Material                  | Wemid | Colour code | 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   |
| No. 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, 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> |
| 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 with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 1.5 mm <sup>2</sup> |

**Additional technical data**

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

**W-Series**  
**WFS 4 60-150V DB**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data**
**Conductors for clamping (rated connection)**

|                                                                                         |                      |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 0.6 x 3.5 mm         | 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>    | 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, finely stranded, 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.              | 150 V        | Permitted power loss for fuse with semiconductor protection |          |
| Power loss, 1-pole ; 2-pole ; 3-pole |              | Type of voltage for indicator                               | AC/DC    |

**Rating data**

|                                              |                   |                                 |               |
|----------------------------------------------|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 150 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          |
| 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  |                                            |        |

## W-Series WFS 4 60-150V DB

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 6.0   | EC000899    | eClass 6.2 | 27-14-11-16 |
| eClass 9.0 | 27-14-11-16 | eClass 9.1 | 27-14-11-16 |

### Approvals

Approvals



### Downloads

|                                                |                                           |
|------------------------------------------------|-------------------------------------------|
| Approval/Certificate/Document of<br>Conformity | <a href="#">Declaration of Conformity</a> |
| Engineering Data                               | <a href="#">STEP</a>                      |

### W-Series WFS 4 60-150V DB

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

