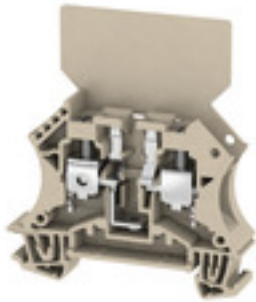


**WSI 6/2 O.TNHE****Weidmüller Interface GmbH & Co. KG**

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: 6 mm <sup>2</sup> , Screw connection |
| Order No.  | <a href="#">1018400000</a>                                                         |
| Type       | WSI 6/2 O.TNHE                                                                     |
| GTIN (EAN) | 4008190202590                                                                      |
| Qty.       | 25 pc(s).                                                                          |

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## Technical data

## Dimensions and weights

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 66.5 mm    | Depth (inches) | 2.618 inch |
| Depth including DIN rail | 67 mm      | Height         | 60 mm      |
| Height (inches)          | 2.362 inch | Net weight     | 20.12 g    |
| Width                    | 11.9 mm    | Width (inches) | 0.469 inch |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C         |                                  |        |

## Material data

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

## System specifications

|                               |                                                                             |                                     |       |
|-------------------------------|-----------------------------------------------------------------------------|-------------------------------------|-------|
| Version                       | Screw connection, for screwable cross-connection, One end without connector | 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                                                                          |                                     |       |

## Additional technical data

|                  |         |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

## CSA rating data

|                               |                |                               |       |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA)         | 200039-1057876 | Current size B (CSA)          | 16 A  |
| Current size C (CSA)          | 16 A           | Current size D (CSA)          | 5 A   |
| Voltage size B (CSA)          | 150 V          | Voltage size C (CSA)          | 150 V |
| Voltage size D (CSA)          | 600 V          | Wire cross section max. (CSA) | 6 AWG |
| Wire cross section min. (CSA) | 20 AWG         |                               |       |

## Conductors for clamping (rated connection)

|            |              |
|------------|--------------|
| Blade size | 0.8 x 4.0 mm |
|------------|--------------|

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## 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.                         | 10 mm <sup>2</sup>  |        |
|                                        |                                        | nominal                      | 6 mm <sup>2</sup>   |        |
|                                        | wire end ferrule                       | Stripping length             | min.                | 12 mm  |
|                                        |                                        |                              | max.                | 12 mm  |
|                                        |                                        |                              | nominal             | 12 mm  |
|                                        |                                        | Tightening torque            | min.                | 0.8 Nm |
|                                        |                                        |                              | max.                | 1.6 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.                         | 10 mm <sup>2</sup>  |        |
|                                        |                                        | nominal                      | 6 mm <sup>2</sup>   |        |
|                                        | wire end ferrule                       | Stripping length             | min.                | 12 mm  |
|                                        |                                        |                              | max.                | 12 mm  |
|                                        |                                        |                              | nominal             | 12 mm  |
|                                        |                                        | Tightening torque            | min.                | 0.8 Nm |
|                                        |                                        |                              | max.                | 1.6 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.                                   | 10 mm <sup>2</sup>           |                     |        |
|                                        | nominal                                | 6 mm <sup>2</sup>            |                     |        |
| wire end ferrule                       | Stripping length                       | min.                         | 12 mm               |        |
|                                        |                                        | max.                         | 12 mm               |        |
|                                        |                                        | nominal                      | 12 mm               |        |
|                                        | Tightening torque                      | min.                         | 0.8 Nm              |        |
|                                        |                                        | max.                         | 1.6 Nm              |        |
|                                        | Recommended wire-end ferrule           |                              |                     |        |
| Number of connections                  |                                        | 2                            |                     |        |
| Type of connection                     |                                        | Screw connection             |                     |        |

## General

Rail TS 35

## Rating data

|                                              |         |                                     |                   |
|----------------------------------------------|---------|-------------------------------------|-------------------|
| Power loss in accordance with IEC 60947-7-x  | 1.31 W  | Rated cross-section                 | 6 mm <sup>2</sup> |
| Rated voltage                                | 250 V   | Rated voltage to adjoining terminal | 500 V             |
| Volume resistance according to IEC 60947-7-x | 0.78 mΩ |                                     |                   |

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## Technical data

## UL rating data

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 8 AWG  |
| Conductor size Factory wiring min. (UR) | 22 AWG | Conductor size Field wiring max. (UR)   | 8 AWG  |
| Conductor size Field wiring min. (UR)   | 22 AWG | Current size C (UR)                     | 16 A   |
| UL_current_Print                        | 16 A   | UL_voltage_Print                        | 600 V  |
| UL_wire_max_Print                       | 8 AWG  | UL_wire_min_Print                       | 22 AWG |
| Voltage size C (UR)                     | 600 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 |

## Approvals

Approvals



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

## Downloads

|                                             |                                                                                                    |
|---------------------------------------------|----------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CB Testreport</a><br><a href="#">CB Certificate</a><br><a href="#">EAC certificate</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                               |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                                           |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                                    |