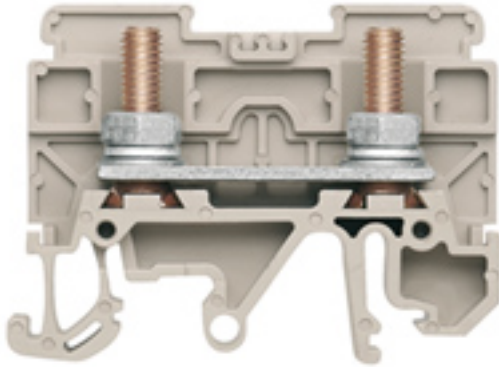


**ST 5/EN****Weidmüller Interface GmbH & Co. KG**

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    | Bolt-type screw terminals, Feed-through terminal,<br>Rated cross-section: 16 mm <sup>2</sup> , Screw connection |
| Order No.  | <a href="#">0448360000</a>                                                                                      |
| Type       | ST 5/EN                                                                                                         |
| GTIN (EAN) | 4032248124978                                                                                                   |
| Qty.       | 20 pc(s).                                                                                                       |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 47.5 mm | Depth (inches)  | 1.87 inch  |
| Height     | 54.5 mm | Height (inches) | 2.146 inch |
| Net weight | 22.64 g | Weight          | 19.9 g     |
| Width      | 16.4 mm | Width (inches)  | 0.646 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

|                                     |     |                                   |              |
|-------------------------------------|-----|-----------------------------------|--------------|
| End cover plate required            | Yes | Number of levels                  | 1            |
| Number of clamping points per level | 1   | Levels cross-connected internally | No           |
| PE connection                       | No  | Rail                              | TS 32, TS 35 |

## Additional technical data

|                          |      |                             |         |
|--------------------------|------|-----------------------------|---------|
| Explosion-tested version | No   | Number of similar terminals | 1       |
| Open sides               | Open | Type of mounting            | Clamped |

## Conductors for clamping (rated connection)

|                         |                  |                                |      |
|-------------------------|------------------|--------------------------------|------|
| Connection direction    | on side          | Stud size for spade connection | M 5  |
| Tightening torque, max. | 3 Nm             | Tightening torque, min.        | 2 Nm |
| Type of connection      | Screw connection |                                |      |

## General

|      |              |
|------|--------------|
| Rail | TS 32, TS 35 |
|------|--------------|

## Rating data

|                                              |         |                                 |                    |
|----------------------------------------------|---------|---------------------------------|--------------------|
| Power loss in accordance with IEC 60947-7-x  | 2.43 W  | Rated cross-section             | 16 mm <sup>2</sup> |
| Rated voltage                                | 800 V   | Rated current                   | 76 A               |
| Volume resistance according to IEC 60947-7-x | 0.42 mΩ | Rated impulse withstand voltage | 8 kV               |
| Pollution severity                           | 3       |                                 |                    |

## UL rating data

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 10 AWG |
| Conductor size Factory wiring min. (UR) | 12 AWG | Conductor size Field wiring max. (UR)   | 10 AWG |
| Conductor size Field wiring min. (UR)   | 12 AWG | Current size C (UR)                     | 65 A   |
| UL_current_Print                        | 65 A   | UL_voltage_Print                        | 600 V  |
| UL_wire_max_Print                       | 10 AWG | UL_wire_min_Print                       | 12 AWG |
| Voltage size C (UR)                     | 600 V  |                                         |        |

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## Technical data

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ECLASS 9.0  | 27-14-11-20 | ECLASS 9.1  | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |

## Approvals

Approvals



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

## Downloads

|                                             |                                                                                                                           |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                      |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                              |
| User Documentation                          | <a href="#">Beipackzettel_ST5.pdf</a><br><a href="#">StorageConditionsTerminalBlocks</a>                                  |