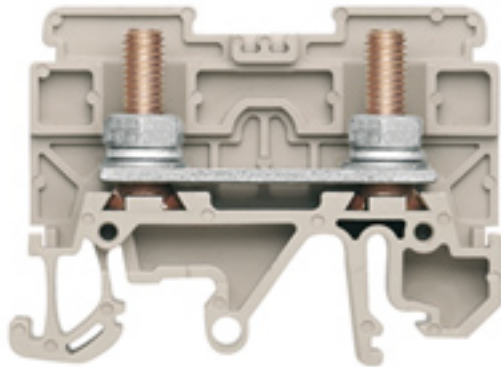


**ST 5/EN****Weidmüller Interface GmbH & Co. KG**

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 |
| Width  | 16.4 mm | Width (inches)  | 0.646 inch |
| Weight | 19.9 g  | Net weight      | 22.64 g    |

## Temperatures

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

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## 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

|                                 |                    |                                              |         |
|---------------------------------|--------------------|----------------------------------------------|---------|
| 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               | Power loss in accordance with IEC 60947-7-x  | 2.43 W  |
| 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   |
| Voltage size C (UR)                     | 600 V  |                                         |        |

Creation date October 30, 2021 12:23:02 PM CEST

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## Technical data

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | 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="#">CE Declaration of Conformity all terminals</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>                                                   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                   |