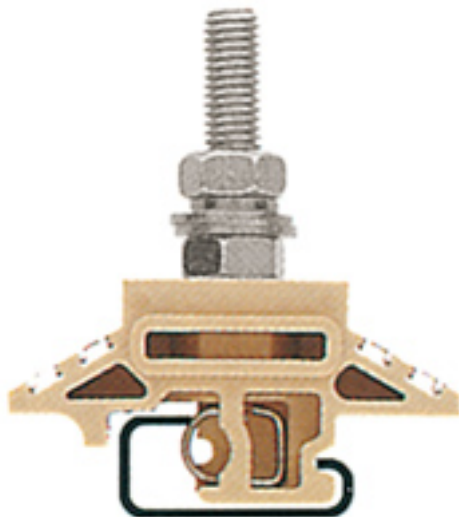


**Bolt-type screw terminals  
KST 8**

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



In order to do justice to the different requirements placed on our products, it is necessary to use various insulating materials tailored to the particular application. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, we ensure that all our materials are free from cadmium. Furthermore, they contain no colour pigments based on heavy metals and do not lead to the formation of dioxin/furan.

**General ordering data**

|            |   |
|------------|---|
| Order No.  | <a href="#">9501320000</a>  |
| Type       | KST 8   |
| Version    | Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm <sup>2</sup> , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190456986   |
| Qty.       | 25 pc(s).   |

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### Technical data

#### Dimensions and weights

|                          |        |        |        |
|--------------------------|--------|--------|--------|
| Length                   | 60 mm  | Width  | 24 mm  |
| Height of lowest version | 72 mm  | Weight | 76.8 g |
| Net weight               | 51.8 g |        |        |

#### Temperatures

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature            |        | Storage temperature              |        |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 100 °C |

#### Additional technical data

|                             |         |                     |                       |
|-----------------------------|---------|---------------------|-----------------------|
| Explosion-tested version    | No      | Installation advice | Direct mounting       |
| Number of similar terminals | 1       | Open sides          | Open                  |
| Type of mounting            | Clamped | Version             | Single-stud terminals |

#### CSA ratings data

|                       |           |                               |       |
|-----------------------|-----------|-------------------------------|-------|
| Certificate No. (CSA) | 12400-257 | Voltage size C (CSA)          | 600 V |
| Current size C (CSA)  | 130 A     | Wire cross section max. (CSA) | 2 AWG |

#### Clampable wires (rated connection)

|                         |                  |                         |         |
|-------------------------|------------------|-------------------------|---------|
| Type of connection      | Screw connection | Connection direction    | on side |
| Tightening torque, min. | 6 Nm             | Tightening torque, max. | 12 Nm   |

#### Rated data

|                                 |                    |                    |         |
|---------------------------------|--------------------|--------------------|---------|
| Rated cross-section             | 35 mm <sup>2</sup> | Rated voltage      | 1,000 V |
| Rated impulse withstand voltage | 8 kV               | Rated current      | 125 A   |
| Current at maximum wires        | 125 A              | Pollution severity | 3       |

#### UL ratings data

|   |                 |   |       |
|---|-----------------|---|-------|
| Certificate No. (UR)                    | E60693VOL1SEC43 | Voltage size C (UR)                     | 600 V |
| Current size C (UR)                     | 115 A           | Conductor size Factory wiring max. (UR) | 2 AWG |
| Conductor size Factory wiring min. (UR) | 12 AWG          | Conductor size Field wiring max. (UR)   | 2 AWG |

#### Material data

|                           |           |        |       |
|---------------------------|-----------|--------|-------|
| Material                  | Polyamide | Colour | Beige |
| UL 94 flammability rating | V-2       |        |       |

#### System specifications

|                                  |                           |                                   |                  |
|----------------------------------|---------------------------|-----------------------------------|------------------|
| Product family                   | Bolt-type screw terminals | Type of connection                | Screw connection |
| Connection direction             | on side                   | Number of levels                  | 1                |
| No. of clamping points per level | 1                         | Levels cross-connected internally | No               |
| End cover plate required         | No                        |                                   |                  |

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**Technical data**

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC000897    | ETIM 3.0   | EC000897    |
| UNSPSC     | 30-21-18-11 | eClass 4.1 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 | eClass 6.2 | 27-14-11-20 |
| eClass 7.1 | 27-14-11-20 |            |             |

**Approvals**

Approvals



ROHS

Conform