# AKZ 4 SS SE 6.3/2.8

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

## Product image

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

### General ordering data

| | |
|---|---|
| Version | SAK Series, Feed-through terminal, Rated cross-section: 2.5 mm², Flat-blade connection |
| Order No. | 0324560000 |
| Type | AKZ 4 SS SE 6.3/2.8 |
| GTIN (EAN) | 4008190125301 |
| Qty. | 100 pc(s). |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 30.5 mm | Depth (inches) | 1.201 inch |
| Height | 28.45 mm | Height (inches) | 1.12 inch |
| Width | 6 mm | Width (inches) | 0.236 inch |
| Net weight | 3.45 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 100 °C | | |

### Material data

| | | | |
|---|---|---|---|
| Material | PA 66 | Colour | beige / yellow |
| UL 94 flammability rating | V-2 | | |

### System specifications

| | | | |
|---|---|---|---|
| Version | With cable lug connection F6.3, for screwable cross-connection, One end without connector | End cover plate required | Yes |
| 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 15 | N-function | No |
| PE function | No | PEN function | No |

### Additional technical data

| | | | |
|---|---|---|---|
| Explosion-tested version | No | Number of similar terminals | 1 |
| Open sides | right | Type of mounting | Snap-on |

### CSA rating data

| | | | |
|---|---|---|---|
| Certificate No. (CSA) | 12400-143 | Current size C (CSA) | 10 A |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 24 AWG | | |

### Conductors for clamping (rated connection)

| | | | |
|---|---|---|---|
| Connection direction | Inclined / angled | Number of connections | 4 |
| Type of connection | Flat-blade connection | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 24 | Wire connection cross section, finely stranded, max. | 2.5 mm² |

### Dimensions

| | |
|---|---|
| TS 15 offset | 13.5 mm |

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## Technical data

### General

| | | | |
|---|---|---|---|
| Number of poles | 1 | Rail | TS 15 |
| Standards | IEC 61210, In accordance with IEC 60947-7-1 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 24 | | |

### Other connections

| | | | |
|---|---|---|---|
| Cable-lug connection | Slotted | Rated cross-section spade connector 2.8 mm | 1 mm² |
| Rated cross-section spade connector 6.3 mm | 2.5 mm² | | |

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 2.5 mm² | Rated voltage | 400 V |
| Rated current | 8 A | Current at maximum wires | 16 A |
| Standards | IEC 61210, In accordance with IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 6 kV | Power loss in accordance with IEC 60947-7-x | 0.77 W |
| Pollution severity | 3 | | |

### UL rating data

| | | | |
|---|---|---|---|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 12 AWG |
| Conductor size Field wiring min. (UR) | 22 AWG | Current size C (UR) | 10 A |
| Voltage size C (UR) | 150 V | | |

### 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 | ECLASS 12.0 | 27-14-11-20 |

### Approvals

Approvals

| | |
|---|---|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |

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## Technical data

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate<br>Declaration of Conformity<br>CE Declaration of Conformity all terminals<br>UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |