

**General ordering data**

|                  |                                                                                      |
|------------------|--------------------------------------------------------------------------------------|
| Order No.        | 0294360000                                                                           |
| Part designation | AKZ 4                                                                                |
| Version          | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Polyamide, beige, TS 15 |
| EAN              | 4008190054625                                                                        |
| Qty.             | 100 pc(s).                                                                           |

**Product notes**

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| Note, ordering data | AKZ 4 order no. 0294360000 and 0294380000 made of PA with flammability class acc. to UL 94/V-2 |
|---------------------|------------------------------------------------------------------------------------------------|

**PT OKIECEx/ATEX rating data**

|                                      |                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------|
| EU-type examination certificate      | SIRA02ATEX3001U                                                                              |
| Download English                     | SIRA02ATEX3001U_e.pdf                                                                        |
| IECEx Certificate of Conformity      | IECEXSIR05.0038U                                                                             |
| Download                             | IECEXSIR05.0038U_e.pdf                                                                       |
| ATEX voltage                         | 275 V                                                                                        |
| ATEX current                         | 28 A                                                                                         |
| ATEX conductor cross-section         | 4 mm <sup>2</sup>                                                                            |
| IECEx voltage                        | 275 V                                                                                        |
| IECEx current                        | 28 A                                                                                         |
| IECEx conductor cross-section        | 4 mm <sup>2</sup>                                                                            |
| Voltage when using cross-connections | CrossConnectionGuide.pdf                                                                     |
| Operating temperature range          | Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity |
| Marking EN 60079-7                   | Ex e II                                                                                      |
| Marking ATEX Directive 94/9/EC       | Ex II 2 G D                                                                                  |

**Additional technical data**

|                                   |           |
|-----------------------------------|-----------|
| Colour of insulating material     | beige     |
| Connection direction              | on side   |
| End plate required                | Yes       |
| Explosion-tested version "Ex e"   | Yes       |
| Installation advice               | TS 15     |
| Insulating material               | Polyamide |
| Levels cross-connected internally | No        |
| No. of identical terminals        | 1         |
| No. of levels                     | 1         |

**Additional technical data**

|                                                  |                       |
|--------------------------------------------------|-----------------------|
| No. of terminal strips per level                 | 2                     |
| Open sides                                       | right                 |
| Operating temperature range                      | - 50 °C, + 100 °C     |
| Product family                                   | SAK Series            |
| Type of connection                               | Screwed               |
| Type of mounting                                 | Snap-on               |
| UL 94 flammability rating of insulation material | V2                    |
| Version                                          | Feed-through terminal |

**CSA rating data**

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 300 V  |
| CSA current              | 10 A   |
| Min. cross-section (CSA) | AWG 24 |
| Max. cross-section (CSA) | AWG 12 |

**Conductors for clamping (additional connection)**

|                                              |                     |
|----------------------------------------------|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 4 mm <sup>2</sup>   |

**Conductors for clamping (rated connection)**

|                                                              |                      |
|--------------------------------------------------------------|----------------------|
| Clamping range, min.                                         | 0.13 mm <sup>2</sup> |
| Clamping range, max.                                         | 6 mm <sup>2</sup>    |
| Type of connection                                           | Screw connection     |
| 2nd type of connection                                       | screwed              |
| Connection direction                                         | on side              |
| No. of connections                                           | 2                    |
| Stripping length                                             | 8 mm                 |
| Clamping screw                                               | M 3                  |
| Blade size                                                   | 0.6 x 3.5 mm         |
| Tightening torque range                                      | 0.6...0.8 Nm         |
| Torque level with DMS electric screwdriver                   | 2                    |
| Gauge to IEC 60947-1                                         | A3                   |
| Solid, min.                                                  | 0.5 mm <sup>2</sup>  |
| Solid, max.                                                  | 6 mm <sup>2</sup>    |
| Stranded, min.                                               | 1.5 mm <sup>2</sup>  |
| Stranded, max.                                               | 4 mm <sup>2</sup>    |
| Flexible, min.                                               | 0.5 mm <sup>2</sup>  |
| Flexible, max.                                               | 4 mm <sup>2</sup>    |
| Flexible with ferrule, min. (DIN 46228/1)                    | 0.5 mm <sup>2</sup>  |
| Flexible with ferrule, max. (DIN 46228/1)                    | 2.5 mm <sup>2</sup>  |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm <sup>2</sup>  |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm <sup>2</sup>  |
| Twin wire-end ferrule, min.                                  | 0.5 mm <sup>2</sup>  |
| Twin wire end ferrule, max.                                  | 1.5 mm <sup>2</sup>  |
| AWG conductor size, min.                                     | AWG 24               |
| AWG conductor size, max.                                     | AWG 12               |
| AWG conductor size, min.                                     | 0.21 mm <sup>2</sup> |
| AWG conductor size, max.                                     | 3.31 mm <sup>2</sup> |

**Conductors for clamping (rated connection)****Dimensions**

|                          |         |
|--------------------------|---------|
| Width                    | 6.1 mm  |
| Height of lowest version | 30.5 mm |
| Length                   | 27 mm   |
| Weight                   | 5.93 g  |
| TS 15 offset             | 13.5 mm |

**Disconnect terminals**

|                                            |   |
|--------------------------------------------|---|
| Torque level with DMS electric screwdriver | 2 |
|--------------------------------------------|---|

**Rating data**

|                             |                   |
|-----------------------------|-------------------|
| Rated cross-section         | 4 mm <sup>2</sup> |
| Rated voltage               | 400 V             |
| Rated impulse voltage       | 6 kV              |
| Rated current               | 32 A              |
| Standards                   | IEC 60947-7-1     |
| Current with max. conductor | 41 A              |
| Pollution severity          | 3                 |

**UL rating data**

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 27 A   |
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 12 |

**Approvals**

Approvals institutes

**Classifications**

|            |             |
|------------|-------------|
| ETIM 2.0   | EC001283    |
| ETIM 3.0   | EC001283    |
| eClass 4.1 | 27-14-11-20 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

**Similar products**

| Order No.  | Part designation | Version                                                                                |
|------------|------------------|----------------------------------------------------------------------------------------|
| 0340460000 | AKZ 1.5          | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Polyamide, beige, TS 15 |
| 0340480000 | AKZ 1.5 BL       | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Polyamide, blue, TS 15  |
| 0697160000 | AKZ 2.5          | Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 15     |
| 0697180000 | AKZ 2.5 BL       | Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 15      |
| 0294380000 | AKZ 4 BL         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Polyamide, blue, TS 15    |