

#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 0371020000   |
| Part designation | SAK 2.5 TS SE 2.4/KRG  |
| Version          | Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| EAN              | 4008190046361  |
| Qty.             | 100 pc(s).   |

#### Additional technical data

|  |                       |
|--|-----------------------|
| Colour of insulating material                    | Medium yellow         |
| Connection direction                             | on side               |
| End plate required                               | Yes                   |
| Explosion-tested version "Ex e"                  | No                    |
| Installation advice                              | TS 32                 |
| Insulating material                              | KrG                   |
| Levels cross-connected internally                | No                    |
| No. of identical terminals                       | 1                     |
| No. of levels                                    | 1                     |
| No. of terminal strips per level                 | 2                     |
| Open sides                                       | right                 |
| Operating temperature range                      | - 60 °C, + 130 °C     |
| Product family                                   | SAK Series            |
| Type of connection                               | Screwed               |
| Type of mounting                                 | Snap-on               |
| UL 94 flammability rating of insulation material | 5VA                   |
| Version  | Feed-through terminal |

#### CSA rating data

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 300 V  |
| CSA current              | 10 A   |
| Min. cross-section (CSA) | AWG 22 |
| Max. cross-section (CSA) | AWG 12 |

#### Conductors for clamping (additional connection)

|  |                       |
|--|-----------------------|
| Type of connection                           | Flat-blade connection |
| No. of connections                           | 1                     |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup>   |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm <sup>2</sup>   |

#### Conductors for clamping (rated connection)

|  |                      |
|--|----------------------|
| Clamping range, min.                       | 0.33 mm <sup>2</sup> |
| Clamping range, max.                       | 6 mm <sup>2</sup>    |
| Type of connection                         | Screw connection     |
| Connection direction                       | on side              |
| No. of connections                         | 1                    |
| Stripping length                           | 10 mm                |
| Clamping screw                             | M 2.5                |
| Blade size                                 | 0.6 x 3.5 mm         |
| Tightening torque range                    | 0.4...0.7 Nm         |
| Torque level with DMS electric screwdriver | 1                    |

#### Conductors for clamping (rated connection)

|  |                     |
|--|---------------------|
| Gauge to IEC 60947-1   | A3                  |
| Solid, min.  | 0.5 mm <sup>2</sup> |
| Solid, max.  | 6 mm <sup>2</sup>   |
| Stranded, min.   | 0.5 mm <sup>2</sup> |
| Stranded, max.   | 2.5 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> |

#### Dimensions

|                          |         |
|--------------------------|---------|
| Width                    | 6 mm    |
| Height of lowest version | 67 mm   |
| Length                   | 36.5 mm |
| Weight                   | 10.93 g |
| TS 32 offset             | 18.5 mm |

#### Disconnect terminals

|  |   |
|--|---|
| Torque level with DMS electric screwdriver | 1 |
|--|---|

#### Other connections

|                    |           |
|--------------------|-----------|
| No. of connections | 1         |
| Pin                | 0.8 x 2.4 |
| Pin arrangement    | top       |
| Pin direction      | vertical  |
| Pin on side        | left      |

#### Rating data

|                             |                     |
|-----------------------------|---------------------|
| Rated cross-section         | 2.5 mm <sup>2</sup> |
| Rated voltage               | 250 V               |
| Rated impulse voltage       | 4 kV                |
| Rated current               | 8 A                 |
| Standards                   | IEC 60947-7-1       |
| Current with max. conductor | 8 A                 |
| Pollution severity          | 3                   |

#### Approvals

Approvals institutes



#### Classifications

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
|----------|----------|

#### Classifications

|            |             |
|------------|-------------|
| ETIM 3.0   | EC000897    |
| eClass 4.1 | 27-14-11-31 |
| eClass 5.0 | 27-14-11-31 |
| eClass 5.1 | 27-14-11-31 |

#### Similar products

| Order No. | Part designation | Version |
|-----------|------------------|---------|
|-----------|------------------|---------|