



SAKR 15 041276

#### General ordering data

|                  |   |
|------------------|---|
| Order No.        | 0412860000  |
| Part designation | SAKR 15 2STB  |
| Version          | Disconnect and modular disconnect terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 15 |
| EAN              | 4008190018290   |
| Qty.             | 100 pc(s).  |

#### Product notes

|                      |  |
|----------------------|--|
| Note, ordering data  | The ZH 0.5 - ZH 1.5 twin ferrules can be used.   |
| Note, technical data | Tightening torque via the sockets is 0.5 - 0.7 Nm.   |
| Note, accessories    | QB 25 blank, refer to "Accessories" section. Note that max. conductor connection with QB = 2.5 mm <sup>2</sup> . |

#### Additional technical data

|  |                           |
|--|---------------------------|
| Colour of insulating material                    | beige                     |
| Connection direction                             | on side                   |
| End plate required                               | Yes                       |
| Explosion-tested version "Ex e"                  | No                        |
| Installation advice                              | TS 15                     |
| Insulating material                              | PA 66                     |
| 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                      | - 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  | Test-disconnect terminals |

**CSA rating data**

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 300 V  |
| CSA current              | 10 A   |
| Min. cross-section (CSA) | AWG 26 |
| 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.   | 4 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                                      | 0.5...1.0 Nm         |
| Torque level with DMS electric screwdriver                   | 2                    |
| Gauge to IEC 60947-1   | A3                   |
| Solid, min.  | 0.5 mm <sup>2</sup>  |
| Solid, max.  | 4 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) | 4 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 26               |
| AWG conductor size, max.                                     | AWG 12               |
| AWG conductor size, min.                                     | 0.13 mm <sup>2</sup> |
| AWG conductor size, max.                                     | 3.31 mm <sup>2</sup> |

**Dimensions**

|                          |        |
|--------------------------|--------|
| Width                    | 6.5 mm |
| Height of lowest version | 31 mm  |
| Length                   | 42 mm  |
| TS 15 offset             | 21 mm  |

**Disconnect terminals**

|                      |         |
|----------------------|---------|
| Cross-disconnect     | without |
| Integral test socket | Yes     |

#### Disconnect terminals

|  |          |
|--|----------|
| Slitting                                   | Pivoting |
| 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         | 10 A              |
| Standards             | IEC 60947-7-1     |
| Pollution severity    | 3                 |

#### UL rating data

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

#### Approvals

Approvals institutes



#### Classifications

|            |             |
|------------|-------------|
| ETIM 2.0   | EC000902    |
| ETIM 3.0   | EC000902    |
| eClass 4.1 | 27-14-11-17 |
| eClass 5.0 | 27-14-11-26 |
| eClass 5.1 | 27-14-11-26 |

#### Similar products

| Order No.  | Part designation | Version   |
|------------|------------------|---|
| 0412760000 | SAKR 15          | Disconnect and modular disconnect terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 15 |