

#### General ordering data

|                  |                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------|
| Order No.        | 0105620000                                                                                                  |
| Part designation | SAKT 1/35/LT STB                                                                                            |
| Version          | Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| EAN              | 4008190079338                                                                                               |
| Qty.             | 50 pc(s).                                                                                                   |

#### Product notes

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Note, technical data | 10 mm <sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque. |
| Function             | 2 sockets                                                                                          |
| Note, accessories    | To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!               |

#### 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 35                     |
| 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                      | - 50 °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                                          | Test-disconnect terminals |

#### CSA rating data

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 300 V  |
| CSA current              | 25 A   |
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 8  |

#### 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) | 6 mm <sup>2</sup>   |

#### Conductors for clamping (rated connection)

|                        |                      |
|------------------------|----------------------|
| Clamping range, min.   | 0.13 mm <sup>2</sup> |
| Clamping range, max.   | 10 mm <sup>2</sup>   |
| Type of connection     | Screw connection     |
| 2nd type of connection | screwed              |

#### Conductors for clamping (rated connection)

|                                            |                      |
|--------------------------------------------|----------------------|
| Connection direction                       | on side              |
| No. of connections                         | 2                    |
| Stripping length                           | 12 mm                |
| Clamping screw                             | M 3.5                |
| Blade size                                 | 4.0 x 0.8 mm         |
| Tightening torque range                    | 0.8...1.6 Nm         |
| Torque level with DMS electric screwdriver | 3                    |
| Gauge to IEC 60947-1                       | A5                   |
| Solid, min.                                | 0.5 mm <sup>2</sup>  |
| Solid, max.                                | 10 mm <sup>2</sup>   |
| Stranded, min.                             | 1.5 mm <sup>2</sup>  |
| Stranded, max.                             | 10 mm <sup>2</sup>   |
| Flexible, min.                             | 0.5 mm <sup>2</sup>  |
| Flexible, max.                             | 6 mm <sup>2</sup>    |
| Flexible with ferrule, min. (DIN 46228/1)  | 0.5 mm <sup>2</sup>  |
| Flexible with ferrule, max. (DIN 46228/1)  | 6 mm <sup>2</sup>    |
| AWG conductor size, min.                   | AWG 26               |
| AWG conductor size, max.                   | AWG 8                |
| AWG conductor size, min.                   | 0.13 mm <sup>2</sup> |
| AWG conductor size, max.                   | 8.37 mm <sup>2</sup> |

#### Dimensions

|                          |         |
|--------------------------|---------|
| Width                    | 8 mm    |
| Height of lowest version | 52.5 mm |
| Length                   | 65 mm   |
| TS 32 offset             | 16.5 mm |
| TS 35 offset             | 32.5 mm |

#### Disconnect terminals

|                                            |              |
|--------------------------------------------|--------------|
| Cross-disconnect                           | without      |
| Integral test socket                       | Yes          |
| Slitting                                   | sliding      |
| Tightening torque range                    | 0.5...0.8 Nm |
| Torque level with DMS electric screwdriver | 3            |

#### Rating data

|                             |                   |
|-----------------------------|-------------------|
| Rated cross-section         | 6 mm <sup>2</sup> |
| Rated voltage               | 400 V             |
| Rated impulse voltage       | 6 kV              |
| Rated current               | 41 A              |
| Standards                   | IEC 60947-7-1     |
| Current with max. conductor | 57 A              |
| Pollution severity          | 3                 |

#### UL rating data

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 25 A   |
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 8  |

## Approvals

Approvals institutes



## Classifications

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

## Similar products

| Order No.  | Part designation    | Version                                                                                                     |
|------------|---------------------|-------------------------------------------------------------------------------------------------------------|
| 0105820000 | SAKT 1/35/DU1       | Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 0105420000 | SAKT 1/35/LT        | Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 0105720000 | SAKT 1/35/QT1       | Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 0124620000 | SAKT 1/35/QT2       | Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 0106020000 | SAKT 2/35/LT 4STB   | Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 0105920000 | SAKT 2/35/LT/STB    | Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 1272420000 | SAKT 4/35/LT O.STB  | Disconnect and modular disconnect terminal, 4 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 1272520000 | SAKT 4/35/LT STB2.0 | Disconnect and modular disconnect terminal, 4 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |
| 1289920000 | SAKT 4/35/LT STB2.3 | Disconnect and modular disconnect terminal, 4 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35 |