



#### General ordering data

|                  |                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------|
| Order No.        | 0637420000                                                                                                 |
| Part designation | SAKG 32/35 II/GW                                                                                           |
| Version          | Special terminal, special connections, 50 mm <sup>2</sup> ,<br>Screw connection, KrG, Medium yellow, TS 35 |
| EAN              | 4008190070564                                                                                              |
| Qty.             | 10 pc(s).                                                                                                  |

#### Product notes

|                      |                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| Note, technical data | Conductor connection with cable lugs according to<br>DIN 46234 and DIN 46235, from 10 .. 70 mm <sup>2</sup> |
|----------------------|-------------------------------------------------------------------------------------------------------------|

#### 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                                       | Open              |
| 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                                          | Stud terminal     |

#### CSA rating data

|                          |         |
|--------------------------|---------|
| Voltage (CSA)            | 600 V   |
| CSA current              | 170 A   |
| Min. cross-section (CSA) | AWG 1   |
| Max. cross-section (CSA) | AWG 2/0 |

#### Conductors for clamping (rated connection)

|                      |                    |
|----------------------|--------------------|
| Clamping range, min. | 10 mm <sup>2</sup> |
| Clamping range, max. | 70 mm <sup>2</sup> |
| Type of connection   | Screw connection   |

#### Conductors for clamping (rated connection)

|                          |                       |
|--------------------------|-----------------------|
| 2nd type of connection   | screwed               |
| Connection direction     | on side               |
| No. of connections       | 1                     |
| Clamping screw           | M 8                   |
| Tightening torque range  | 6.0...12 Nm           |
| AWG conductor size, min. | AWG 1                 |
| AWG conductor size, max. | AWG 2/0               |
| AWG conductor size, min. | 42.41 mm <sup>2</sup> |
| AWG conductor size, max. | 67.44 mm <sup>2</sup> |

#### Dimensions

|                          |         |
|--------------------------|---------|
| Width                    | 32 mm   |
| Height of lowest version | 53 mm   |
| Length                   | 80 mm   |
| TS 32 offset             | 22.5 mm |
| TS 35 offset             | 40 mm   |

#### Rating data

|                             |                    |
|-----------------------------|--------------------|
| Rated cross-section         | 50 mm <sup>2</sup> |
| Rated voltage               | 1,000 V            |
| Rated impulse voltage       | 8 kV               |
| Rated current               | 150 A              |
| Standards                   | IEC 60947-7-1      |
| Current with max. conductor | 192 A              |
| Pollution severity          | 3                  |

#### UL rating data

|                         |         |
|-------------------------|---------|
| Voltage (UL)            | 600 V   |
| Current (UL)            | 200 A   |
| Min. cross-section (UL) | AWG 6   |
| Max. cross-section (UL) | AWG 3/0 |

#### Approvals

Approvals institutes



#### Downloads

|      |                                           |
|------|-------------------------------------------|
| STEP | 0637420000_08045_SAKG_32-35_II-GW_STP.stp |
|------|-------------------------------------------|

#### Classifications

|            |             |
|------------|-------------|
| ETIM 2.0   | EC000897    |
| ETIM 3.0   | EC000897    |
| eClass 4.1 | 27-14-11-31 |
| eClass 5.0 | 27-14-11-31 |

#### Classifications

eClass 5.1

27-14-11-31

#### Similar products

| Order No.  | Part designation | Version                                                                                    |
|------------|------------------|--------------------------------------------------------------------------------------------|
| 0637120000 | SAKG 32/35 I     | Special terminal, special connections, 50 mm², Screw connection, KrG, Medium yellow, TS 35 |
| 0637320000 | SAKG 32/35 II    | Special terminal, special connections, 50 mm², Screw connection, KrG, Medium yellow, TS 35 |
| 0637220000 | SAKG 32/35 III   | Special terminal, special connections, 50 mm², Screw connection, KrG, Medium yellow, TS 35 |