



#### General ordering data

|                  |   |
|------------------|---|
| Order No.        | 0185220000  |
| Part designation | SAKG 40 II/GW   |
| Version          | Special terminal, special connections, 95 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| EAN              | 4008190088408   |
| Qty.             | 10 pc(s).   |

#### Product notes

|                      |  |
|----------------------|--|
| Note, technical data | Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 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 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                                       | 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              | 250 A   |
| Min. cross-section (CSA) | AWG 2/0 |
| Max. cross-section (CSA) | AWG 4/0 |

#### Conductors for clamping (rated connection)

|                      |                    |
|----------------------|--------------------|
| Clamping range, min. | 10 mm <sup>2</sup> |
| Clamping range, max. | 95 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 10                   |
| Tightening torque range  | 10...20 Nm             |
| Solid, max.              | 16 mm <sup>2</sup>     |
| AWG conductor size, min. | AWG 2/0                |
| AWG conductor size, max. | AWG 4/0                |
| AWG conductor size, min. | 67.44 mm <sup>2</sup>  |
| AWG conductor size, max. | 107.22 mm <sup>2</sup> |

#### Dimensions

|                          |         |
|--------------------------|---------|
| Width                    | 46 mm   |
| Height of lowest version | 53 mm   |
| Length                   | 90 mm   |
| Weight                   | 217.9 g |
| TS 32 offset             | 45 mm   |

#### Rating data

|                             |                    |
|-----------------------------|--------------------|
| Rated cross-section         | 95 mm <sup>2</sup> |
| Rated voltage               | 1,000 V            |
| Rated impulse voltage       | 8 kV               |
| Rated current               | 232 A              |
| Standards                   | IEC 60947-7-1      |
| Current with max. conductor | 232 A              |
| Pollution severity          | 3                  |

#### UL rating data

|                         |         |
|-------------------------|---------|
| Voltage (UL)            | 600 V   |
| Current (UL)            | 230 A   |
| Min. cross-section (UL) | AWG 1   |
| Max. cross-section (UL) | AWG 4/0 |

#### Approvals

Approvals institutes



#### Downloads

|      |  |
|------|--|
| DXF  | 01428_SAKG_40_II-GW_DXF.dxf            |
| STEP | 0185220000_01428_SAKG_40_II-GW_STP.stp |

#### Classifications

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

#### Classifications

|            |             |
|------------|-------------|
| eClass 5.0 | 27-14-11-31 |
| eClass 5.1 | 27-14-11-31 |

#### Similar products

| Order No.  | Part designation | Version   |
|------------|------------------|---|
| 0286820000 | SAKG 40 I        | Special terminal, special connections, 95 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0170520000 | SAKG 40 II       | Special terminal, special connections, 95 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |
| 0286920000 | SAKG 40 III      | Special terminal, special connections, 95 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32 |