

General ordering data

| | |
|------------------|---|
| Order No. | 0608320000 |
| Part designation | SAK 35N/35/IK KRG |
| Version | Feed-through terminal, 35 mm ² , Screw connection, KrG, Medium yellow, TS 35 |
| EAN | 4008190184940 |
| Qty. | 20 pc(s). |

Product notes

| | |
|----------------------|---|
| Note, ordering data | It is possible to use twin ferrules with identical rated voltages (LAB 13090). |
| Note, technical data | The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |
| Note, accessories | If QIs are aligned side by side, then a TW/AP must be used. |

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 | - 60 °C, + 130 °C |
| Type of connection | Screwed |
| Type of mounting | Clamped |
| UL 94 flammability rating of insulation material | 5VA |
| Version | Feed-through terminal |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 600 V |
| CSA current | 120 A |
| Min. cross-section (CSA) | AWG 12 |
| Max. cross-section (CSA) | AWG 2 |

Conductors for clamping (additional connection)

| | |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 1.5 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 35 mm ² |

Conductors for clamping (rated connection)

| | |
|------------------------|---------------------|
| Clamping range, min. | 2.5 mm ² |
| Clamping range, max. | 50 mm ² |
| 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 | 18 mm |
| Clamping screw | M 6 |
| Blade size | S4 (DIN 6911) |
| Tightening torque range | 4.0...6.0 Nm |
| Gauge to IEC 60947-1 | B8 |
| Solid, min. | 2.5 mm ² |
| Solid, max. | 16 mm ² |
| Stranded, min. | 4 mm ² |
| Stranded, max. | 50 mm ² |
| Flexible, min. | 2.5 mm ² |
| Flexible, max. | 35 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 1.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 35 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 35 mm ² |
| Twin wire-end ferrule, min. | 1.5 mm ² |
| Twin wire end ferrule, max. | 16 mm ² |
| AWG conductor size, min. | AWG 12 |
| AWG conductor size, max. | AWG 2 |
| AWG conductor size, min. | 3.31 mm ² |
| AWG conductor size, max. | 33.62 mm ² |

Dimensions

| | |
|--------------------------|---------|
| Width | 16 mm |
| Height of lowest version | 60 mm |
| Length | 58 mm |
| Weight | 75.55 g |
| TS 35 offset | 29 mm |

Rating data

| | |
|-----------------------------|--------------------|
| Rated cross-section | 35 mm ² |
| Rated voltage | 1,000 V |
| Rated impulse voltage | 8 kV |
| Rated current | 125 A |
| Standards | IEC 60947-7-1 |
| Current with max. conductor | 125 A |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Voltage (UL) | 600 V |
| Current (UL) | 105 A |
| Min. cross-section (UL) | AWG 12 |
| Max. cross-section (UL) | AWG 2 |

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| eClass 4.1 | 27-14-11-20 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|---|
| 0608220000 | SAK 35N/35 KRG | Feed-through terminal, 35 mm ² , Screw connection, KrG, Medium yellow, TS 35 |