



General ordering data

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| Order No. | 0380620000 |
| Part designation | SAK 16/35 KRG |
| Version | Feed-through terminal, 16 mm ² , Screw connection, KrG, Medium yellow, TS 35 |
| EAN | 4008190153861 |
| Qty. | 50 pc(s). |

Product notes

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|----------------------|---|
| Note, ordering data | If QIs are aligned side by side, then a TW/AP must be used. |
| Note, technical data | Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |

PT OKIECEEx/ATEX rating data

| | |
|--------------------------------------|--|
| EU-type examination certificate | KEMA97ATEX1798U |
| Download, German | KEMA97ATEX1798U_d.pdf |
| Download English | KEMA97ATEX1798U_e.pdf |
| IECEX Certificate of Conformity | IECEXKEM06.0014U |
| ATEX voltage | 690 V |
| ATEX current | 66 A |
| ATEX conductor cross-section | 16 mm ² |
| IECEX voltage | 690 V |
| IECEX current | 66 A |
| IECEX conductor cross-section | 16 mm ² |
| Voltage when using cross-connections | CrossConnectionGuide.pdf |
| Operating temperature range | Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-Certificate of Conformity |
| Marking EN 60079-7 | Ex e II |
| Marking ATEX Directive 94/9/EC | Ex II 2 G D |

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 |

Additional technical data

| | |
|--|-----------------------|
| 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 | Snap-on |
| UL 94 flammability rating of insulation material | 5VA |
| Version | Feed-through terminal |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 600 V |
| CSA current | 87 A |
| Min. cross-section (CSA) | AWG 14 |
| Max. cross-section (CSA) | AWG 6 |

Conductors for clamping (additional connection)

| | |
|--|--------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 4 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 16 mm ² |

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Clamping range, min. | 2.5 mm ² |
| Clamping range, max. | 16 mm ² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 2 |
| Stripping length | 15 mm |
| Clamping screw | M 4 |
| Blade size | 1.0 x 5.5 mm |
| Tightening torque range | 2.0...4.0 Nm |
| Torque level with DMS electric screwdriver | 4 |
| Gauge to IEC 60947-1 | B6 |
| Solid, min. | 2.5 mm ² |
| Solid, max. | 16 mm ² |
| Stranded, min. | 4 mm ² |
| Stranded, max. | 16 mm ² |
| Flexible, min. | 4 mm ² |
| Flexible, max. | 16 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 4 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 16 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 4 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 16 mm ² |
| Twin wire-end ferrule, min. | 1.5 mm ² |
| Twin wire end ferrule, max. | 10 mm ² |
| AWG conductor size, min. | AWG 12 |
| AWG conductor size, max. | AWG 6 |
| AWG conductor size, min. | 3.31 mm ² |
| AWG conductor size, max. | 16 mm ² |

Conductors for clamping (rated connection)

Dimensions

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|--------------------------|---------|
| Width | 12 mm |
| Height of lowest version | 57.5 mm |
| Length | 50 mm |
| TS 35 offset | 25 mm |

Disconnect terminals

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|--|---|
| Torque level with DMS electric screwdriver | 4 |
|--|---|

Rating data

| | |
|-----------------------------|--------------------|
| Rated cross-section | 16 mm ² |
| Rated voltage | 1,000 V |
| Rated impulse voltage | 8 kV |
| Rated current | 76 A |
| Standards | IEC 60947-7-1 |
| Current with max. conductor | 76 A |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Voltage (UL) | 600 V |
| Current (UL) | 80 A |
| Min. cross-section (UL) | AWG 12 |
| Max. cross-section (UL) | AWG 4 |

Approvals

Approvals institutes



Downloads

| | |
|------|--|
| STEP | 0380620000_13132_SAK_16-35_KRG_STP.stp |
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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 |
|-----------|------------------|---------|
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