

General ordering data

| | |
|-------------------------|---------------|
| Order No. | 0412160000 |
| Short text for material | SAKR |
| EAN | 4008190016418 |
| Qty | 100 |

IEC/EN 60079-7 rating data

| | |
|-------------------------------|-------------------|
| Certificate No. | SIRA03ATEX4288U |
| Certificate No. | IECEXSIR05.0033U |
| max. voltage | 400 V |
| Current | 10 A |
| Conductor cross-section, max. | 4 mm ² |
| max. voltage | 400 V |
| Current | 10 A |
| Conductor cross-section, max. | 4 mm ² |

Additional technical data

| | |
|--|---------------------|
| No. of identical terminals | 1 |
| Type of connection | screwed |
| Type of mouting | clipped |
| Version | Disconnect terminal |
| Installation advice | TS 32 |
| UL 94 flammability rating of insulation material | V2 |
| Insulating material | PA 66 |
| Colour of insulating material | beige |
| Operating temperature range | - 50 °C, + 100 °C |
| Open sides | right |
| No. of levels | 1 |
| Product range | SAK Series |
| No. of terminal strips per level | 2 |
| Levels cross-connected internally | No |
| End plate required | Yes |
| Connection direction | on side |

CSA rating data

| | |
|--------------------------|--------|
| Voltage CSA | 300 V |
| CSA current | 10 A |
| Max. cross-section (CSA) | AWG 12 |
| Min. cross-section (CSA) | AWG 22 |

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Stripping length | 8 mm |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Solid, min. | 0,5 mm ² |
| Twin wire-end ferrule, min. | 0,50 mm ² |
| Twin wire end ferrule, max. | 1,50 mm ² |
| Stranded, min. | 1,5 mm ² |
| AWG conductor size, min. | 0,13 mm ² |
| AWG conductor size, min. | AWG 26 |
| Connection direction | on side |
| Flexible, min. | 0,5 mm ² |
| No. of connections | 2 |
| Tightening torque range | 0.5...1.0 Nm |
| Solid, max. | 4 mm ² |
| Flexible, max. | 4 mm ² |
| flexible w. ferrule AEH, max. DIN 46228-1 | 2,5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 4 mm ² |
| flexible w. ferrule AEH, min. DIN 46228-1 | 0,5 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0,5 mm ² |
| Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0,13 mm ² |
| Clamping screw | M3 |
| Blade size | 0.6 x 3.5 mm |
| Gauge to IEC 60947-1 | A3 |
| AWG conductor size, max. | 3,31 mm ² |
| AWG conductor size, max. | AWG 12 |
| Stranded, max. | 4 mm ² |
| Torque level with DMS electric screwdriver | 2 |

Dimensions

| | |
|--------------------------|---------|
| TS 32 offset | 4 mm |
| Height of lowest version | 40,5 mm |
| Width | 6,5 mm |
| Length | 42 mm |

Disconnect terminals

| | |
|--|----------|
| Torque level with DMS electric screwdriver | 2 |
| Slitting | pivoting |
| Cross-connect/disconnect | without |
| Integral test socket | No |

Rating data

| | |
|---------------------------------|------------------------------|
| Rated cross-section | 4 mm ² |
| Rated voltage | 400 V |
| Rated impulse withstand voltage | 6 kV |
| Rated current | 10 A |
| Norm | IEC 60947-7-1 / VDE 0100-537 |
| Current with max. conductor | 10 A |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 12 |
| Voltage UL | 300 V |
| Current (UL) | 10 A |

Approvals

Approvals

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Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000902 |
| ETIM 3.0 | EC000902 |
| eClass 4.1 | 27-14-11-17 |
| eClass 5.0 | 27-14-11-26 |
| eClass 5.1 | 27-14-11-26 |

Related products

| Order No. | Short text for material |
|------------|-------------------------|
| 0687360000 | DKT 4 |
| 1304860000 | DKT 4V 2STB |
| 0412260000 | SAKR 2STB |
| 0412280000 | SAKR 2STB BL |
| 0412180000 | SAKR BL |