

General ordering data

| | |
|-------------------------|---------------|
| Order No. | 0380480000 |
| Short text for material | SAK 2.5/35 BL |
| EAN | 4008190131869 |
| Qty | 100 |

IEC/EN 60079-7 rating data

| | |
|--------------------------------|-------------------|
| Certificate No. | KEMA97ATEX1798U |
| max. voltage | 550 V |
| Current | 21 A |
| Conductor cross-section, max. | 2 mm ² |
| Marking EN 60079-7 | Ex e II |
| Marking ATEX Directive 94/9/EC | Ex II 2 G D |

Additional technical data

| | |
|--|-----------------------|
| No. of identical terminals | 1 |
| Type of connection | screwed |
| Type of mouting | clipped |
| Version | Feed-through terminal |
| Installation advice | TS 35 |
| UL 94 flammability rating of insulation material | V2 |
| Insulating material | PA 66 |
| Colour of insulating material | blue |
| Operating temperature range | - 50 °C, + 100 °C |
| Open sides | right |
| No. of levels | 1 |
| No. of terminal strips per level | 2 |
| Levels cross-connected internally | No |
| End plate required | Yes |
| Explosion-tested version "Ex e" | No |
| Connection direction | on side |

CSA rating data

| | |
|--------------------------|--------|
| Voltage CSA | 600 V |
| CSA current | 25 A |
| Max. cross-section (CSA) | AWG 10 |
| Min. cross-section (CSA) | AWG 26 |

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Stripping length | 10 mm |
| Type of connection | Screw connection |
| No. of connections | 2 |
| Tightening torque range | 0.4...0.6 Nm |
| Solid, max. | 6 mm ² |
| Twin wire end ferrule, max. | 1,50 mm ² |
| Connection direction | on side |
| Flexible, min. | 0,5 mm ² |
| 2nd type of connection | screwed |
| Solid, min. | 0,5 mm ² |
| Twin wire-end ferrule, min. | 0,50 mm ² |
| Torque level with DMS electric screwdriver | 1 |
| Flexible, max. | 4 mm ² |
| flexible w. ferrule AEH, max. DIN 46228-1 | 4 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. | 6 mm ² |
| Clamping range, min. | 0,13 mm ² |
| Clamping screw | M 2.5 |
| Blade size | 0.6 x 3.5 mm |
| Gauge to IEC 60947-1 | A3 |
| AWG conductor size, max. | 5,26 mm ² |
| Stranded, max. | 4 mm ² |
| Stranded, min. | 0,5 mm ² |
| AWG conductor size, min. | AWG 26 |

Dimensions

| | |
|--------------------------|---------|
| Length | 44,1 mm |
| Height of lowest version | 40 mm |
| Width | 6,1 mm |

Disconnect terminals

| | |
|--|---|
| Torque level with DMS electric screwdriver | 1 |
|--|---|

Rating data

| | |
|---------------------------------|---------------------|
| Rated cross-section | 2,5 mm ² |
| Rated voltage | 800 V |
| Rated impulse withstand voltage | 8 kV |
| Rated current | 24 A |
| Norm | IEC 60947-7-1 |
| Current with max. conductor | 41 A |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Voltage UL | 600 V |
| Current (UL) | 20 A |
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 12 |

Approvals

Approvals



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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 |

Related products

| Order No. | Short text for material |
|------------|-------------------------|
| 0499560000 | SAK 2.5/10/35 |
| 0380460000 | SAK 2.5/35 |
| 0380440000 | SAK 2.5/35 OR |
| 0268860000 | SAKD 2.5/35 |
| 0268880000 | SAKD 2.5/35 BL |