



General ordering data

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|------------------|---|
| Order No. | 0479220000 |
| Part designation | AST 5 SF 6.3/2.8 KRG |
| Version | Special terminal, special connections, 4 mm ² , Screw connection, KrG, Medium yellow, TS 32 |
| EAN | 4008190021795 |
| Qty. | 50 pc(s). |

Product notes

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|----------------------|--|
| Note, technical data | Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |
|----------------------|--|

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 | 4 |
| Open sides | right |
| 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 | Feed-through terminal |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 300 V |
| CSA current | 16 A |
| Min. cross-section (CSA) | AWG 24 |
| Max. cross-section (CSA) | AWG 12 |

Conductors for clamping (additional connection)

| | |
|--------------------|-----------------------|
| Type of connection | Flat-blade connection |
| No. of connections | 3 |

Conductors for clamping (additional connection)

| | |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 4 mm ² |

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Clamping range, min. | 0.2 mm ² |
| Clamping range, max. | 6 mm ² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 1 |
| Stripping length | 12 mm |
| Clamping screw | M 3 |
| Blade size | 0.6 x 3.5 mm |
| Tightening torque range | 0.5...1.0 Nm |
| Torque level with DMS electric screwdriver | 2 |
| Gauge to IEC 60947-1 | A4 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 6 mm ² |
| Stranded, min. | 1.5 mm ² |
| Stranded, max. | 2.5 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 4 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 4 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 4 mm ² |
| Twin wire-end ferrule, min. | 0.5 mm ² |
| Twin wire end ferrule, max. | 2.5 mm ² |
| AWG conductor size, min. | AWG 24 |
| AWG conductor size, max. | AWG 12 |
| AWG conductor size, min. | 0.21 mm ² |
| AWG conductor size, max. | 3.31 mm ² |

Dimensions

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|--------------------------|---------|
| Width | 6.5 mm |
| Height of lowest version | 46 mm |
| Length | 58 mm |
| Weight | 16.44 g |
| TS 32 offset | 29 mm |

Disconnect terminals

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|--|---|
| Torque level with DMS electric screwdriver | 2 |
|--|---|

Other connections

| | |
|--|---------------------|
| Cable-lug connection | Slotted |
| No. of connections | 3 |
| Rated cross-section spade connector 2.8 mm | 1 mm ² |
| Rated cross-section spade connector 6.3 mm | 2.5 mm ² |

Other connections

Rating data

| | |
|-----------------------------|---------------------------|
| Rated cross-section | 4 mm ² |
| Rated voltage | 500 V |
| Rated impulse voltage | 6 kV |
| Rated current | 20 A |
| Standards | IEC 60947-7-1 / IEC 61210 |
| Current with max. conductor | 20 A |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Voltage (UL) | 300 V |
| Current (UL) | 13 A |
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 12 |

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| eClass 4.1 | 27-14-11-31 |
| eClass 5.0 | 27-14-11-31 |
| eClass 5.1 | 27-14-11-31 |

Similar products

| Order No. | Part designation | Version |
|------------|----------------------|---|
| 0439120000 | AST 4 SF 6.3/2.8 KRG | Special terminal, special connections, 2.5 mm ² , Screw connection, KrG, Medium yellow, TS 32 |
| 0334520000 | AST 5 SF 6.3 KRG | Special terminal, special connections, 4 mm ² , Screw connection, KrG, Medium yellow, TS 32 |
| 0401220000 | SAK 4 S 6.3/2.8/KRG | Special terminal, special connections, 4 mm ² , Screw connection, KrG, Medium yellow, TS 32 |
| 0479620000 | SAK 4 SS 6.3/2.8 KRG | Special terminal, special connections, 2.5 mm ² , Flat-blade connection, KrG, Medium yellow, TS 32 |
| 0352920000 | SAK 4 SS 6.3/KRG | Special terminal, special connections, 2.5 mm ² , Flat-blade connection, KrG, Medium yellow, TS 32 |