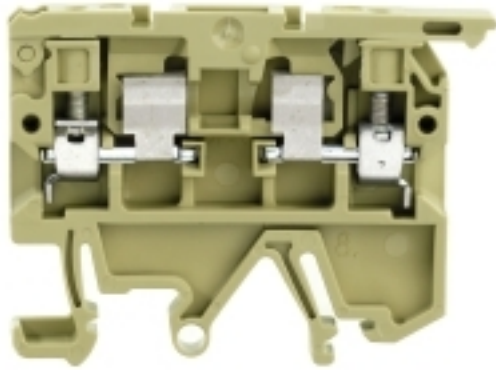


SAK Series
ASK 1/EN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

| | |
|------------|--|
| Type | ASK 1/EN |
| Order No. | 0474560000 |
| Version | SAK Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection |
| GTIN (EAN) | 4008190020880 |
| Qty. | 100 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Width | 8.1 mm | Width (inches) | 0.319 inch |
| Height | 58 mm | Height (inches) | 2.283 inch |
| Depth | 43 mm | Depth (inches) | 1.693 inch |
| Net weight | 12.74 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 100 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

| | | | |
|---------------------------|-------|--------|----------------|
| Material | PA 66 | Colour | beige / yellow |
| UL 94 flammability rating | V-2 | | |

System specifications

| | | | |
|-----------------------------------|---|-------------------------------|-----|
| Version | Screw connection, Fuse cartridge, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| No. of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Mounting rail | TS 35, TS 32 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|--------------------------|-------|-----------------------------|---------|
| Explosion-tested version | No | Number of similar terminals | 1 |
| Open sides | right | Type of mounting | Snap-on |

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-2372908 | Current size B (CSA) | 10 A |
| Current size C (CSA) | 10 A | Current size D (CSA) | 10 A |
| Voltage size B (CSA) | 300 V | Voltage size C (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 4 mm²

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Technical data
Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, rated connection, max. | 4 mm ² |
| Clamping range, rated connection, min. | 0.13 mm ² | Clamping screw | M 3 |
| Connection direction | on side | Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² |
| Gauge to IEC 60947-1 | A3 | Number of connections | 2 |
| Stripping length | 9 mm | Tightening torque, max. | 0.8 Nm |
| Tightening torque, min. | 0.6 Nm | Torque level with DMS electric screwdriver | 2 |
| Twin wire-end ferrules, max. | 1.5 mm ² | Twin wire-end ferrules, min. | 0.5 mm ² |
| Type of connection | Screw connection | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 4 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, solid core max. rated connection | 4 mm ² | Wire connection cross section, solid core, min. rated connection | 0.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 4 mm ² | Wire connection cross section, stranded, rated connection, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |

Display element

| | | | |
|-------------------------------------|-------|-------------------------------|-------|
| Operating voltage for display, max. | 500 V | Type of voltage for indicator | AC/DC |
|-------------------------------------|-------|-------------------------------|-------|

Fuse terminals

| | | | |
|--------------------------------|--------------|-------------------------|-------------|
| Cartridge fuse | G-Si. 5 x 20 | Display | Without LED |
| Fuse holder (cartridge holder) | Pivoting | Operating voltage, max. | 500 V |
| Type of voltage for indicator | AC/DC | | |

Rating data

| | | | |
|--|-------------------|---------------------------------|-------|
| Rated cross-section | 4 mm ² | Rated voltage | 500 V |
| Rated current | 6.3 A | Current at maximum wires | 6.3 A |
| Volume resistance according to IEC 60947-7-x | 1 mΩ | Rated impulse withstand voltage | 6 kV |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 12 AWG |
| Conductor size Field wiring min. (UR) | 22 AWG | Current size C (UR) | 10 A |
| Voltage size C (UR) | 300 V | | |

Data sheet

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Technical data

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000899 | ETIM 4.0 | EC000899 |
| ETIM 5.0 | EC000899 | ETIM 6.0 | EC000899 |
| UNSPSC | 30-21-18-11 | eClass 5.1 | 27-14-11-16 |
| eClass 6.2 | 27-14-11-16 | eClass 7.1 | 27-14-11-16 |
| eClass 8.1 | 27-14-11-16 | eClass 9.0 | 27-14-11-16 |
| eClass 9.1 | 27-14-11-16 | | |

Product information

Descriptive text technical data Note: max. conductor connection = 2.5 mm² when using the cross-connector. Twin wire-end ferrules ZH 0.5 to ZH 1.5 can be used.

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PT1363_20160414_007_ISSUE01.pdf |
| Engineering Data | EPLAN_WSCAD |
| Engineering Data | 0474560000_41570_ASK_1-EN_STP.stp |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|