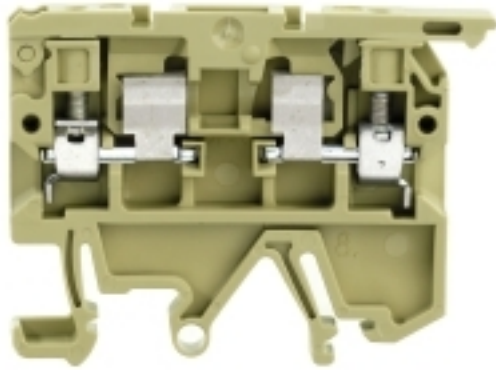


**SAK Series
ASK 1/EN DB**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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 DB |
| Order No. | 1750470000 |
| Version | SAK Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection |
| GTIN (EAN) | 4008190316983 |
| 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 | 13.77 g | | |

Temperatures

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

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | PA 66 | Colour | Dark Beige |
| 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 | 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)

| | | | |
|---|---------------------|---|---------------------|
| Connection cross-section, stranded, max. | 4 mm ² | Connection cross-section, stranded, min. | 1.5 mm ² |
| Number of connections | 2 | Type of connection | Screw connection |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Fuse terminals

| | |
|----------------|--------------|
| Cartridge fuse | G-Si. 5 x 20 |
|----------------|--------------|

Rating data

| | | | |
|---------------------|-------------------|--|-------|
| Rated cross-section | 4 mm ² | Rated voltage | 500 V |
| Rated current | 6.3 A | Volume resistance according to IEC 60947-7-x | 1 mΩ |

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 | | |

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 | | |

Approvals

Approvals



ROHS Conform

Safety note

Safety notice [Safety Information](#)