

SAKG 40/35 II**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

General ordering data

| | |
|------------|---|
| Version | SAK Series, Feed-through terminal, Rated cross-section: 95 mm ² , Screw connection, medium yellow, Direct mounting |
| Order No. | 0637720000 |
| Type | SAKG 40/35 II |
| GTIN (EAN) | 4008190101367 |
| Qty. | 5 pc(s). |

Creation date March 3, 2023 10:51:10 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 53 mm | Depth (inches) | 2.087 inch |
| Height | 90 mm | Height (inches) | 3.543 inch |
| Width | 46 mm | Width (inches) | 1.811 inch |
| Net weight | 257.4 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C | | |

Material data

| | | | |
|---------------------------|----------|--------|---------------|
| Material | KrG | Colour | medium yellow |
| UL 94 flammability rating | V-0, 5VA | | |

System specifications

| | | | |
|-------------------------------------|---------------|-------------------------------|-----|
| Version | Stud terminal | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

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

CSA rating data

| | | | |
|-------------------------------|-----------|-------------------------------|----------|
| Certificate No. (CSA) | 12400-119 | Current size C (CSA) | 250 A |
| Voltage size C (CSA) | 600 V | Wire cross section max. (CSA) | 0000 AWG |
| Wire cross section min. (CSA) | 00 AWG | | |

Conductors for clamping (rated connection)

| | | | |
|---|--------------------|---|--------------------|
| Clamping range, max. | 95 mm ² | Clamping range, min. | 10 mm ² |
| Clamping screw | M 10 | Connection direction | on side |
| Number of connections | 2 | Tightening torque, max. | 20 Nm |
| Tightening torque, min. | 10 Nm | Type of connection | Screw connection |
| Wire connection cross section AWG, max. | AWG 4/0 | Wire connection cross section AWG, min. | AWG 20 |
| Wire connection cross-section, solid core, max. | 16 mm ² | | |

General

| | | | |
|---|-----------------|---|---------|
| Installation advice | Direct mounting | Rail | TS 35 |
| Standards | IEC 60947-7-1 | Wire connection cross section AWG, max. | AWG 4/0 |
| Wire connection cross section AWG, min. | AWG 20 | | |

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Rating data

| | | | |
|---------------------------------|--------------------|--|---------|
| Rated cross-section | 95 mm ² | Rated voltage | 1,000 V |
| Rated current | 232 A | Current at maximum wires | 232 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 0.14 mΩ |
| Rated impulse withstand voltage | 8 kV | Power loss in accordance with IEC 60947-7-x | 7.42 W |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---|--------|---|----------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 0000 AWG |
| Conductor size Factory wiring min. (UR) | 1 AWG | Conductor size Field wiring max. (UR) | 0000 AWG |
| Conductor size Field wiring min. (UR) | 1 AWG | Current size C (UR) | 230 A |
| Voltage size C (UR) | 600 V | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ECLASS 9.0 | 27-14-11-20 |
| ECLASS 9.1 | 27-14-11-20 | ECLASS 10.0 | 27-14-11-20 |
| ECLASS 11.0 | 27-14-11-20 | ECLASS 12.0 | 27-14-11-20 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 999cd67e-471e-4085-8dba-1342fcea86de |

Approvals

Approvals



| | |
|-----------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EAC certificate MARITREG Certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity |
| Engineering Data | WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |