

SAKRD/35 DLS2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

General ordering data

| | |
|------------|---|
| Version | SAK Series, Test-disconnect terminal, Rated cross-section: 4 mm ² , Screw connection, beige, Direct mounting |
| Order No. | 0299560000 |
| Type | SAKRD/35 DLS2 |
| GTIN (EAN) | 4008190053352 |
| Qty. | 25 pc(s). |

Creation date March 7, 2023 1:29:23 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Depth | 38 mm | Depth (inches) | 1.496 inch |
| Height | 46 mm | Height (inches) | 1.811 inch |
| Width | 6.5 mm | Width (inches) | 0.256 inch |
| Net weight | 12.6 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | 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, Diode module, One end without connector | 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

| | | | |
|---------------------|-----------------|-----------------------------|---------|
| Installation advice | Direct mounting | Number of similar terminals | 1 |
| Open sides | right | Type of mounting | Snap-on |

CSA rating data

| | | | |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA) | 12400-132 | Current size C (CSA) | 10 A |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 22 AWG | | |

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Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.13 mm ² | Clamping screw | M 3 |
| Connection cross-section, stranded, max. | 4 mm ² | Connection cross-section, stranded, min. | 1.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A3 |
| Number of connections | 2 | Stripping length | 8 mm |
| Tightening torque, max. | 1 Nm | Tightening torque, min. | 0.5 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, max. | 4 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, 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 |

General

| | | | |
|---|-----------------|---|--------|
| Installation advice | Direct mounting | Rail | TS 35 |
| Standards | IEC 60947-7-1 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26 | | |

Rating data

| | | | |
|---------------------------------|-------------------|--|--------|
| Rated cross-section | 4 mm ² | Rated voltage | 250 V |
| Rated current | 10 A | Current at maximum wires | 10 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1 mΩ |
| Rated impulse withstand voltage | 6 kV | Power loss in accordance with IEC 60947-7-x | 1.02 W |
| Pollution severity | 3 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000902 | ETIM 7.0 | EC000902 |
| ETIM 8.0 | EC000902 | ECLASS 9.0 | 27-14-11-26 |
| ECLASS 9.1 | 27-14-11-26 | ECLASS 10.0 | 27-14-11-26 |
| ECLASS 11.0 | 27-14-11-26 | ECLASS 12.0 | 27-14-11-26 |

Environmental Product Compliance

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

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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |