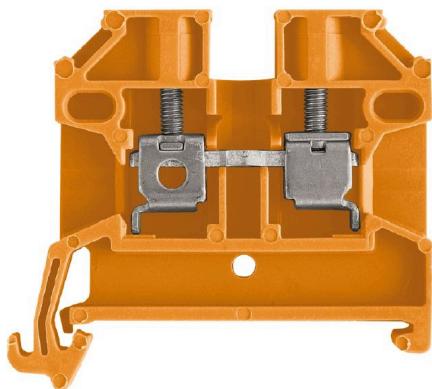


SAK 2.5/35 OR

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

| | |
|---------------------|--|
| Version | Feed-through terminal block, Screw connection, orange, 2.5 mm ² , 24 A, 800 V, Number of connections: 2 |
| Order No. | 2566460000 |
| Type | SAK 2.5/35 OR |
| GTIN (EAN) | 4050118576269 |
| Qty. | 100 items |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2026-06-30T00:00:00+02:00 |
| Alternative product | WDU 2.5N OR |

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Technical data

Approvals

Approvals



RoHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 40 mm | Depth (inches) | 1.5748 inch |
| Height | 44.5 mm | Height (inches) | 1.752 inch |
| Width | 6.1 mm | Width (inches) | 0.2402 inch |
| Net weight | 6.33 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 100 °C |

Environmental Product Compliance

| | |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

| | | | |
|---------------------------|-------|--------|--------|
| Basic material | PA 66 | Colour | orange |
| UL 94 flammability rating | V-2 | | |

System specifications

| | | | |
|-----------------------------------|-----|-------------------------------------|-------|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | Number of clamping points per level | 2 |
| Levels cross-connected internally | No | Mounting rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|--------------------------|-----|------------------|---------|
| Explosion-tested version | Yes | Type of mounting | Snap-on |
|--------------------------|-----|------------------|---------|

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|----------------------|
| Wire connection cross section AWG, max. | AWG 14 | Connection direction | on side |
| Type of connection | Screw connection | Number of connections | 2 |
| Clamping range, max. | 2.5 mm ² | Clamping range, min. | 0.13 mm ² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm ² |

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| | | | |
|---|----------------------|---|----------------------|
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.13 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. | 0.13 mm ² | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, finely stranded, min. | 0.13 mm ² | Connection cross-section, stranded, max. | 4 mm ² |
| Connection cross-section, stranded, min. 0.13 mm ² | | Wire connection cross-section, solid core, max. | 6 mm ² |
| Wire connection cross-section, solid core, min. | 0.13 mm ² | Connection cross-section, finely stranded, min. | 0.13 mm ² |

General

| | | | |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26 |
| Standards | IEC 60947-7-1 | Mounting rail | TS 35 |

Rating data

| | | | |
|--|---------------------|---|---------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated DC voltage | 800 V | Nominal current | 24 A |
| Current at maximum wires | 24 A | Standards | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | Power loss in accordance with IEC 60947-7-x | 0.77 W |
| Pollution severity | 3 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 14.0 | 27-25-01-01 |
| ECLASS 15.0 | 27-25-01-01 | | |