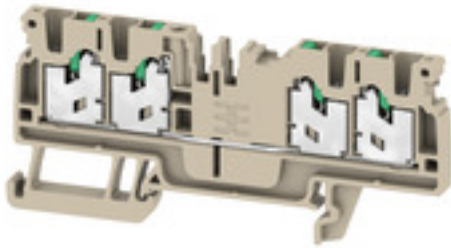


S4C 2.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 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, SNAP IN, 2.5 mm ² , 800 V, 24 A, Number of connections: 4 |
| Order No. | 2674550000 |
| Type | S4C 2.5 |
| GTIN (EAN) | 4064675266402 |
| Qty. | 100 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|----------|-----------------|------------|
| Depth | 38 mm | Depth (inches) | 1.496 inch |
| Height | 84 mm | Height (inches) | 3.307 inch |
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Net weight | 13.696 g | | |

Temperatures

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

Material data

| | | | |
|--------------------------------|-------|---------------------------|------------|
| Material | Wemid | Colour | dark beige |
| Colour of operational elements | green | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-------------------------------|-------|-------------------------------------|----|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | Number of clamping points per level | 4 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| Rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|--------------------------|---------|----------------|---------|
| Explosion-tested version | No | Open sides | right |
| Snap-on | Yes | Type of fixing | Snap-on |
| Type of mounting | Snap-on | | |

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-8116541 | Current size B (CSA) | 15 A |
| Current size C (CSA) | 15 A | Current size D (CSA) | 5 A |
| Voltage size B (CSA) | 600 V | Voltage size C (CSA) | 600 V |
| Voltage size D (CSA) | 600 V | Wire cross section max. (CSA) | 14 AWG |
| Wire cross section min. (CSA) | 20 AWG | | |

Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

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Technical data

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|----------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 2.5 mm ² |
| Clamping range, min. | 0.34 mm ² | Connection cross-section, stranded, max. | 2.5 mm ² |
| Connection cross-section, stranded, min. | 0.5 mm ² | Connection direction | top |
| Gauge to IEC 60947-1 | A2 | Number of connections | 4 |
| Stripping length | 10 mm | Twin wire-end ferrules, max. | 0.75 mm ² |
| Twin wire-end ferrules, min. | 0.5 mm ² | Type of connection | SNAP IN |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 22 |
| Wire connection cross section, finely stranded, max. | 2.5 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. | 0.34 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.34 mm ² |
| Wire connection cross-section, solid core, max. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|---|--------|---|---------------|
| Rail | TS 35 | Standards | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 22 |

Rating data

| | | | |
|--|---------------------|---------------------------------|---------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated DC voltage | 800 V | Rated 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 | Rated impulse withstand voltage | 8 kV |
| Power loss in accordance with IEC 60947-7-x | 0.77 W | Pollution severity | 3 |
| Surge voltage category | III | | |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (cURus) | 22 AWG | Conductor size Field wiring max. (cURus) | 12 AWG |
| Conductor size Field wiring min. (cURus) | 22 AWG | Current size B (cURus) | 20 A |
| Current size C (cURus) | 20 A | Current size D (cURus) | 5 A |
| Voltage size B (cURus) | 600 V | Voltage size C (cURus) | 600 V |
| Voltage size D (cURus) | 600 V | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ETIM 9.0 | 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 | ECLASS 13.0 | 27-25-01-01 |

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Technical data

Approvals

Approvals



UL File Number Search

UL Website

Certificate No. (cURus)

E60693

Downloads

Approval/Certificate/Document of Conformity

[DNVGL certificate](#)[CE Declaration of Conformity](#)[UKCA declaration of conformity](#)[Confirmation of Standards EN 45545-2_2020-10](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[User Manual SNAP IN](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings

