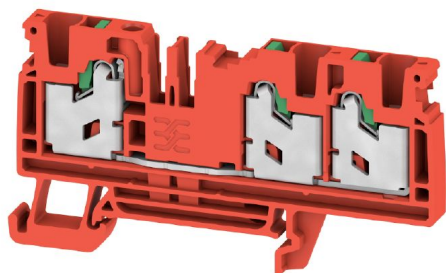


**S3C 4 RD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, red, 4 mm <sup>2</sup> , 32 A, 1000 V, Number of connections: 3 |
| Order No.  | <a href="#">3109520000</a>                                                                            |
| Type       | S3C 4 RD                                                                                              |
| GTIN (EAN) | 4099987187497                                                                                         |
| Qty.       | 50 items                                                                                              |

## S3C 4 RD

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



UL File Number Search [UL Website](#)  
 Certificate No. (cURusEX) E184763

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 41.5 mm | Depth (inches)  | 1.6339 inch |
| Height     | 78 mm   | Height (inches) | 3.0709 inch |
| Width      | 6.1 mm  | Width (inches)  | 0.2402 inch |
| Net weight | 17.51 g |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

|                                |       |                           |     |
|--------------------------------|-------|---------------------------|-----|
| Basic material                 | Wemid | Colour                    | red |
| 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 | 3  |
| Number of potentials per tier | 1     | Levels cross-connected internally   | No |
| Mounting rail                 | TS 35 | N-function                          | No |
| PE function                   | No    | PEN function                        | No |

## Additional technical data

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

## Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

## Conductors for clamping (rated connection)

|                                         |         |
|-----------------------------------------|---------|
| Gauge to IEC 60947-1                    | A4      |
| Wire connection cross section AWG, max. | AWG 12  |
| Stripping length                        | 12 mm   |
| Type of connection                      | SNAP IN |
| Number of connections                   | 3       |

## Technical data

|                                                                                         |                      |                     |
|-----------------------------------------------------------------------------------------|----------------------|---------------------|
| Clamping range, max.                                                                    | 6 mm <sup>2</sup>    |                     |
| Clamping range, min.                                                                    | 0.75 mm <sup>2</sup> |                     |
| Blade size                                                                              | 0.6 x 3.5 mm         |                     |
| Wire connection cross section AWG, min.                                                 | AWG 20               |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm <sup>2</sup>    |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.75 mm <sup>2</sup> |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm <sup>2</sup>    |                     |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.75 mm <sup>2</sup> |                     |
| Wire connection cross section, finely stranded, max.                                    | 6 mm <sup>2</sup>    |                     |
| Wire connection cross section, finely stranded, min.                                    | 0.75 mm <sup>2</sup> |                     |
| Connection cross-section, stranded, max.                                                | 4 mm <sup>2</sup>    |                     |
| Connection cross-section, stranded, min.                                                | 0.75 mm <sup>2</sup> |                     |
| Twin wire-end ferrules, max.                                                            | 1.5 mm <sup>2</sup>  |                     |
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>  |                     |
| Wire connection cross-section, solid core, max.                                         | 6 mm <sup>2</sup>    |                     |
| Wire connection cross-section, solid core, min.                                         | 0.75 mm <sup>2</sup> |                     |
| Connection cross-section, finely stranded, min.                                         | 0.75 mm <sup>2</sup> |                     |
| Tube length for wire-end ferrule with plastic collar acc. to cross-section              | Cross-section, min.  | 0.5 mm <sup>2</sup> |
|                                                                                         | Cross-section, max.  | 1 mm <sup>2</sup>   |
|                                                                                         | Tube length, min.    | 8 mm                |
|                                                                                         | Tube length, max.    | 10 mm               |
|                                                                                         | Cross-section, min.  | 1.5 mm <sup>2</sup> |
|                                                                                         | Cross-section, max.  | 2.5 mm <sup>2</sup> |
|                                                                                         | Tube length, min.    | 10 mm               |
|                                                                                         | Tube length, max.    | 18 mm               |
|                                                                                         | Cross-section, min.  | 4 mm <sup>2</sup>   |
|                                                                                         | Cross-section, max.  | 4 mm <sup>2</sup>   |
|                                                                                         | Tube length, min.    | 12 mm               |
|                                                                                         | Tube length, max.    | 18 mm               |
| Tube length for wire-end ferrule without plastic collar acc. to cross-section           | Cross-section, min.  | 0.5 mm <sup>2</sup> |
|                                                                                         | Cross-section, max.  | 1 mm <sup>2</sup>   |
|                                                                                         | Tube length, min.    | 10 mm               |
|                                                                                         | Tube length, max.    | 10 mm               |
|                                                                                         | Cross-section, min.  | 1.5 mm <sup>2</sup> |
|                                                                                         | Cross-section, max.  | 2.5 mm <sup>2</sup> |
|                                                                                         | Tube length, min.    | 10 mm               |
|                                                                                         | Tube length, max.    | 18 mm               |
|                                                                                         | Cross-section, min.  | 4 mm <sup>2</sup>   |
|                                                                                         | Cross-section, max.  | 4 mm <sup>2</sup>   |
|                                                                                         | Tube length, min.    | 12 mm               |
|                                                                                         | Tube length, max.    | 18 mm               |
| Tube length for twin wire-end ferrule acc. to cross-section                             | Cross-section, min.  | 0.5 mm <sup>2</sup> |
|                                                                                         | Cross-section, max.  | 0.5 mm <sup>2</sup> |
|                                                                                         | Tube length, min.    | 10 mm               |
|                                                                                         | Tube length, max.    | 12 mm               |

**S3C 4 RD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)
**Technical data**

|                     |                      |
|---------------------|----------------------|
| Cross-section, min. | 0.75 mm <sup>2</sup> |
| Cross-section, max. | 0.75 mm <sup>2</sup> |
| Tube length, min.   | 10 mm                |
| Tube length, max.   | 18 mm                |
| Cross-section, min. | 1 mm <sup>2</sup>    |
| Cross-section, max. | 1 mm <sup>2</sup>    |
| Tube length, min.   | 12 mm                |
| Tube length, max.   | 18 mm                |
| Cross-section, min. | 1.5 mm <sup>2</sup>  |
| Cross-section, max. | 2.5 mm <sup>2</sup>  |
| Tube length, min.   | 18 mm                |
| Tube length, max.   | 18 mm                |

**General**

|                                         |               |                                         |        |
|-----------------------------------------|---------------|-----------------------------------------|--------|
| Wire connection cross section AWG, max. | AWG 12        | Wire connection cross section AWG, min. | AWG 20 |
| Standards                               | IEC 60947-7-1 | Mounting rail                           | TS 35  |

**Rating data**

|                                              |                   |                                 |               |
|----------------------------------------------|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 1000 V        |
| Rated DC voltage                             | 1000 V            | Nominal current                 | 32 A          |
| Current at maximum wires                     | 32 A              | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ              | Rated impulse withstand voltage | 8 kV          |
| Power loss in accordance with IEC 60947-7-x  | 1.02 mW           | Surge voltage category          | III           |
| 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 |             |             |

