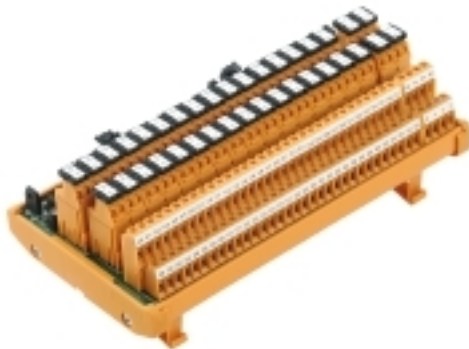


**RSF PLC 2W 32IO FUS Z****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Similar to illustration

Compact interfaces for transmitting 32 digital input/output signals (RSF SPS).

- Signals optionally with byte grouping (can be set using jumper).
- Can be switched between positive or negative signal (set with jumper)
- An optional LED status display shows the status and the operating voltages.
- Each circuit can be protected by 5x20 mm individual fuses.
- Available with tension-clamp or screw connection.

**General ordering data**

|            |                                                            |
|------------|------------------------------------------------------------|
| Version    | Interface, RSF PLC, Fuse, 2-wire, Tension-clamp connection |
| Order No.  | <a href="#">1128250000</a>                                 |
| Type       | RSF PLC 2W 32IO FUS Z                                      |
| GTIN (EAN) | 4032248909759                                              |
| Qty.       | 1 pc(s).                                                   |

## RSF PLC 2W 32IO FUS Z

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Height         | 72 mm      | Height (inches) | 2.835 inch |
| Length         | 200 mm     | Length (inches) | 7.874 inch |
| Net weight     | 775 g      | Width           | 109 mm     |
| Width (inches) | 4.291 inch |                 |            |

## Temperatures

|                     |             |                       |             |
|---------------------|-------------|-----------------------|-------------|
| Storage temperature | -40...60 °C | Operating temperature | -25...50 °C |
|---------------------|-------------|-----------------------|-------------|

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## General data

|                                  |                                       |                   |        |
|----------------------------------|---------------------------------------|-------------------|--------|
| LED status display per channel   | Green (negative -) / red (positive +) | Fuse per channel  | 500 mA |
| LED status of the supply voltage | yellow                                | Power supply fuse | 2.5 A  |
| Default setting                  | Shared minus connection               |                   |        |

## Connection data

|                         |               |                                |                                                       |
|-------------------------|---------------|--------------------------------|-------------------------------------------------------|
| Connection (field side) | LM2NZF 5.08mm | Connection on control side     | Plug-in connector in acc. with IEC60603-13 / DIN41651 |
| Connection supply       | LM2NZF 5.08mm | Number of poles (control side) | 40-pole plug                                          |
| Wiring system           | 2-wire        |                                |                                                       |

## Ratings data

|                          |                   |                              |     |
|--------------------------|-------------------|------------------------------|-----|
| Operating voltage        | 24 V DC $\pm$ 10% | Max. current for common pole | 3 A |
| Max. current per channel | 1 A               | Max. current per byte        | 2 A |

## Insulation coordination (EN50178)

|                               |              |                          |           |
|-------------------------------|--------------|--------------------------|-----------|
| According to                  | DIN EN 50178 | Rated insulation voltage | < 50 V AC |
| Surge voltage category        | III          | Pollution severity level | 2         |
| Pulse voltage test (1,2/50µs) | 0.5 kV       | Insulation test voltage  | 0.35 kVAC |

## Connection field

|                                  |                          |                              |                      |
|----------------------------------|--------------------------|------------------------------|----------------------|
| Clamping range, max.             | 2.5 mm <sup>2</sup>      | Clamping range, min.         | 0.13 mm <sup>2</sup> |
| Flexible with sleeve, max.       | 1.5 mm <sup>2</sup>      | Flexible with sleeve, min.   | 0.25 mm <sup>2</sup> |
| Flexible, max. H05(07) V-K       | 1.5 mm <sup>2</sup>      | Flexible, min. H05(07) V-K   | 0.2 mm <sup>2</sup>  |
| Max. wire cross-section, AWG     | AWG 14                   | Min. wire cross-section, AWG | AWG 24               |
| Sleeve with plastic collar, max. | 1.5 mm <sup>2</sup>      | Solid, max. H05(07) V-U      | 2.5 mm <sup>2</sup>  |
| Solid, min. H05(07) V-U          | 0.2 mm <sup>2</sup>      | Stripping length             | 7.5 mm               |
| Type of connection               | Tension-clamp connection |                              |                      |

## RSF PLC 2W 32IO FUS Z

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Supply connection

|                              |                          |                                   |                      |
|------------------------------|--------------------------|-----------------------------------|----------------------|
| Type of connection           | Tension-clamp connection | Clamping range, min.              | 0.13 mm <sup>2</sup> |
| Clamping range, max.         | 2.5 mm <sup>2</sup>      | Solid, min. H05(07) V-U           | 0.2 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 2.5 mm <sup>2</sup>      | Flexible, min. H05(07) V-K        | 0.2 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K   | 1.5 mm <sup>2</sup>      | Flexible with sleeve, max.        | 1.5 mm <sup>2</sup>  |
| Flexible with sleeve, min.   | 0.25 mm <sup>2</sup>     | Ferrule with plastic collar, max. | 1.5 mm <sup>2</sup>  |
| Wire cross-section, min. AWG | AWG 24                   | Wire cross-section, max. AWG      | AWG 14               |
| Stripping length             | 7.5 mm                   |                                   |                      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002780    | ETIM 7.0    | EC002780    |
| ECLASS 9.0  | 27-14-11-52 | ECLASS 9.1  | 27-14-11-52 |
| ECLASS 10.0 | 27-14-11-52 | ECLASS 11.0 | 27-14-11-52 |

## Approvals

Approvals



ROHS

Conform

## Downloads

User Documentation [Instruction Manual](#)

## RSF PLC 2W 32IO FUS Z

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

[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

