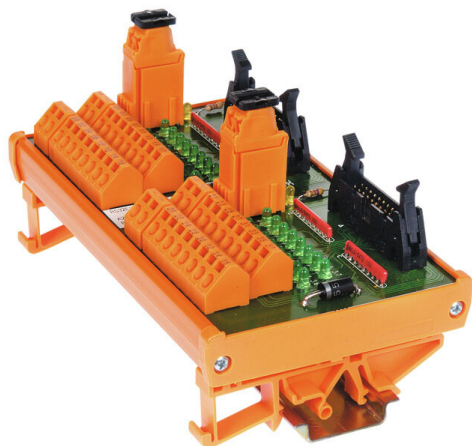


**RS 32IO 1W L H Z****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The digital direct input/output interfaces are supplied with flat cable connectors to facilitate connection. They are available in tension clamp or clamping yoke connection, with elements such as fuses, disconnectors or LEDs.

**General ordering data**

| Version         | Interface, RS, LED, 1-wire, Tension-clamp connection |
|-----------------|------------------------------------------------------|
| Order No.       | <a href="#">9447910000</a>                           |
| Type            | RS 32IO 1W L H Z                                     |
| GTIN (EAN)      | 4032248253210                                        |
| Qty.            | 1 items                                              |
| Delivery status | Discontinued                                         |

## RS 32IO 1W L H Z

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Depth      | 72 mm  | Depth (inches)  | 2.8346 inch |
| Height     | 87 mm  | Height (inches) | 3.4252 inch |
| Width      | 145 mm | Width (inches)  | 5.7086 inch |
| Net weight | 230 g  |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 7a, 7cl                              |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a |

## General data

|                                |        |                                  |        |
|--------------------------------|--------|----------------------------------|--------|
| LED status display per channel | green  | Disconnection per channel        | No     |
| Fuse per channel               | No     | LED status of the supply voltage | yellow |
| Power supply fuse              | 3.15 A | Common pole polarity             | No     |

## Connection data

|                                |              |                            |                                                 |
|--------------------------------|--------------|----------------------------|-------------------------------------------------|
| Number of poles (control side) | 20-pole plug | Wiring system              | 1-wire                                          |
| Connection (field side)        | LMNZF 5.08mm | Connection on control side | 2x Plug-in connector acc. IEC 603-1 / DIN 41651 |

## Ratings data

|                         |                   |                          |     |
|-------------------------|-------------------|--------------------------|-----|
| Operating voltage       | 24 V DC $\pm$ 10% | Max. current per channel | 1 A |
| Total operating current | 2 A               |                          |     |

## Insulation coordination (EN50178)

|                            |              |                          |           |
|----------------------------|--------------|--------------------------|-----------|
| According to               | DIN EN 50178 | Rated insulation voltage | < 50 V AC |
| Surge voltage category     | III          | Pollution severity level | 2         |
| Insulation test voltage AC | 0.35 kV      |                          |           |

## Connection field

|                              |                     |                            |                          |
|------------------------------|---------------------|----------------------------|--------------------------|
| Min. wire cross-section, AWG | AWG 26              | Type of connection         | Tension-clamp connection |
| Flexible with sleeve, max.   | 1.5 mm <sup>2</sup> | Flexible, max. H05(07) V-K | 1.5 mm <sup>2</sup>      |
| Flexible, min. H05(07) V-K   | 0.5 mm <sup>2</sup> | Solid, max. H05(07) V-U    | 1.5 mm <sup>2</sup>      |
| Solid, min. H05(07) V-U      | 0.5 mm <sup>2</sup> | Stripping length           | 7 mm                     |
| Clamping range, max.         | 1.5 mm <sup>2</sup> | Clamping range, min.       | 0.14 mm <sup>2</sup>     |
| Max. wire cross-section, AWG | AWG 14              |                            |                          |

## RS 32IO 1W L H Z

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## Technical data

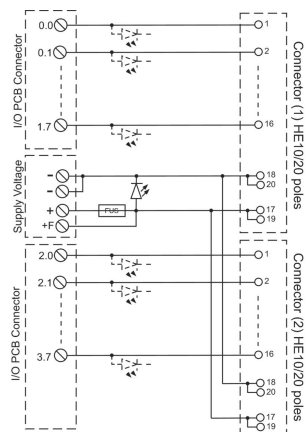
## Supply connection

|                              |                          |                              |                      |
|------------------------------|--------------------------|------------------------------|----------------------|
| Type of connection           | Tension-clamp connection | Clamping range, min.         | 0.14 mm <sup>2</sup> |
| Clamping range, max.         | 1.5 mm <sup>2</sup>      | Solid, min. H05(07) V-U      | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 1.5 mm <sup>2</sup>      | Flexible, min. H05(07) V-K   | 0.5 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>  |
| Wire cross-section, min. AWG | AWG 26                   | Wire cross-section, max. AWG | AWG 14               |
| Stripping length             | 7 mm                     |                              |                      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002780    | ETIM 9.0    | EC002780    |
| ETIM 10.0   | EC002780    | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 |             |             |

## Drawings



The wiring diagram corresponds to the version with LEDs.