

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Similar to illustration

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, Screw connection
Order No.	<a href="#">9445910000</a>
Type	RS 32IO 1W L H S
GTIN (EAN)	4032248150991
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	72 mm	Depth (inches)	2.835 inch
Height	87 mm	Height (inches)	3.425 inch
Width	90 mm	Width (inches)	3.543 inch
Net weight	208 g		

## Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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## General data

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

## Connection data

Connection (field side)	LP2N 5.08mm	Connection on control side	2 x plug-in connectors in acc. with IEC60603-13 / DIN41651
Number of poles (control side)	2x20-pole plug	Wiring system	1-wire

## 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
Pulse voltage test (1,2/50 $\mu$ s)	0.8 kV	Insulation test voltage AC	0.35 kV

## Connection field

Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Screw connection		

## Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible with sleeve, max.	2.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.5 mm <sup>2</sup>	Ferrule with plastic collar, max.	2.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

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ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-24-22-16
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52
ECLASS 12.0	27-14-11-52	ECLASS 13.0	27-14-11-52

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aeee3697a

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

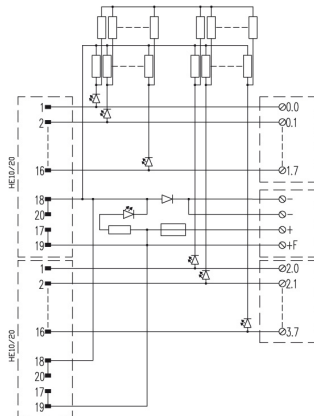
Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings



The wiring diagram corresponds to the version with LEDs.