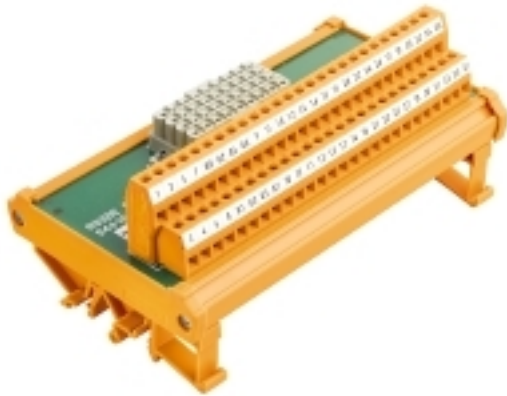


**RS  
RS 32IO 1W R S**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

Type	RS 32IO 1W R S
Order No.	<a href="#">9441510000</a>
Version	Interface, RS, 1-wire, Screw connection
GTIN (EAN)	4008190981068
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	148 mm	Length (inches)	5.827 inch
Width	87 mm	Width (inches)	3.425 inch
Height	72 mm	Height (inches)	2.835 inch
Net weight	292 g		

**Temperatures**

Operating temperature, max.	50 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	60 °C	Storage temperature, min.	-40 °C
Operating temperature	-25...50 °C	Storage temperature	-40...60 °C

**General data**

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

**Connection data**

Connection to PLC	RSV 1.6 connector - 36 pole	Connection on control side	Connector RSV 1.6
Number of poles (control side)	36-pole female	Connection (field side)	LPK 2N 5.08mm
Wiring system	1-wire		

**Ratings data**

Operating voltage	150 V UC	Max. current per channel	1 A
Total operating current	2 A		

**Insulation coordination (EN50178)**

According to	DIN EN 50178	Rated insulation voltage	< 150 V AC
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	1.5 kV	Insulation test voltage	1.1 kVAC

**Connection field**

Type of connection	Screw 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	0.5 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>	Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>
Min. wire cross-section, AWG	AWG 26	Max. wire cross-section, AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

**Supply connection**

Type of connection	Screw 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	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>		

**Data sheet**

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**Technical data**

**Classifications**

ETIM 6.0	EC002780	ETIM 7.0	EC002780
eClass 9.0	27-14-11-52	eClass 9.1	27-24-22-16
eClass 10.0	27-14-11-52	UNSPSC	30-21-18-01

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">K246_09_02.pdf</a>
Engineering Data	<a href="#">WSCAD</a>

**Data sheet**

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**Drawings**

