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**RS  
RS 32IO 2W F R S**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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 2W F R S
Order No.	<a href="#">9441570000</a>
Version	Interface, RS, Fuse, 2-wire, Screw connection
GTIN (EAN)	4032248253821
Qty.	1 pc(s).

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

Length	200 mm	Width	109 mm
Height	84 mm	Net weight	670 g

**Temperatures**

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

LED status display per channel	No	Disconnection per channel	No
Type of test point	No	Fuse per channel	2 A
LED status of the supply voltage	No	Power supply fuse	3.15 A
Common pole polarity	Positive or negative can be selected using jumper		

**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)	LP2N 5.08mm
Wiring system	2-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.	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>	Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>
Min. wire cross-section, AWG [field]	AWG 26	Max. wire cross-section, AWG [field]	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.	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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Catalogue status / We reserve the right to make technical changes.

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**Data sheet**

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**Technical data**

**Classifications**

ETIM 3.0	EC001423	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-08	eClass 6.2	27-24-22-08
eClass 7.1	27-24-22-08		

**Product information**

Descriptive text technical data      The common C may carry up to 3 A if the external jumpers are not used

**Approvals**

Approvals



ROHS      Conform

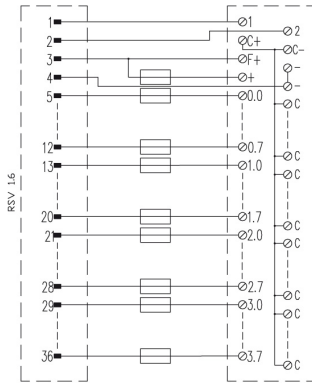
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Declaration of Conformity      [K246\\_09\\_02.pdf](#)

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**Drawings**



The wiring diagram corresponds to the version with LEDs.