

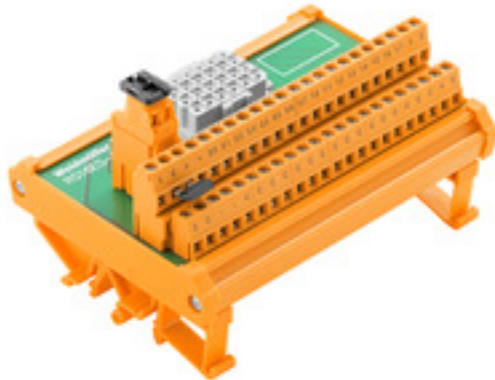
**RS 16IO 2W R S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, 2-wire, Screw connection
Order No.	<a href="#">9441700000</a>
Type	RS 16IO 2W R S
GTIN (EAN)	4032248253838
Qty.	1 Stück

## RS 16IO 2W R S

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

www.weidmueller.com

## Technische Daten

### Dimensions and weights

Depth	72 mm	Depth (inches)	2.835 inch
Height	87 mm	Height (inches)	3.425 inch
Width	123 mm	Width (inches)	4.843 inch
Net weight	230 g		

### Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
Operating temperature, min.	-25 °C	Operating temperature, max.	50 °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	3.15 A
Common pole polarity	Positive or negative can be selected using jumper		

### Connection data

Connection (field side)	LM2N 5.08 mm	Connection on control side	Connector RSV 1.6
Number of poles (control side)	24-pole female	Wiring system	2-wire

### Ratings data

Operating voltage	150 V UC	Max. current per channel	1 A
Total operating current	3 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 AC	1.1 kVAC

### Connection field

Clamping range, max.	2.5 mm <sup>2</sup>	Clamping range, min.	0.2 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.	2.5 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	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.	0.2 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>		

## RS 16IO 2W R S

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

www.weidmueller.com

## Technische Daten

### Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

### Approvals

Approvals



ROHS	Conform
------	---------

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Product Change Notification	<a href="#">Technical change</a> <a href="#">20220912 Technical change to RS IO Interfaces</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

## RS 16IO 2W R S

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

## Zeichnungen

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

