

RS
RS 32IO 3W L H S**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
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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 3W L H S
Order No.	9445970000
Version	Interface, RS, LED, 3-wire, Screw connection
GTIN (EAN)	4032248253074
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	176 mm	Width	87 mm
Height	72 mm	Net weight	421 g

Temperatures

Operating temperature	-25...+50°C	Storage temperature	-40...+60 °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	Yes		

Connection data

Connection to PLC	HE 10 connector - 20 pole	Connection on control side	2 x Connector according IEC60603-13/DIN41651
Number of poles (control side)	2x20-pole plug	Connection (field side)	LP3R 5.08mm
Wiring system	3-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 μ s)	0.8 kV	Insulation test voltage	0.35 kVAC

Connection field

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Sleeve with plastic collar, max.	2.5 mm ²
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 ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Ferrule with plastic collar, max.	2.5 mm ²
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		

Data sheet

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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
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Approvals

Approvals



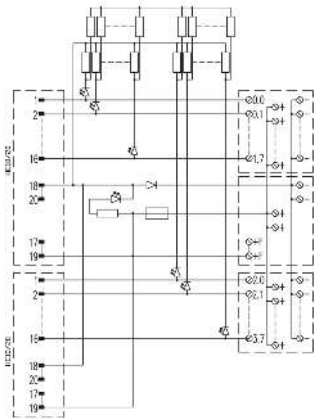
ROHS	Conform
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Downloads

Declaration of Conformity	K277_11_04.pdf
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Drawings

The wiring diagram corresponds to the version with LEDs.