



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RSM
RSM-16DI 24VDC 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



Digital input interface with opto module or relay isolation for electrical signal transmission between the PLC and the field.

- Electrical isolation by pluggable relays.
- Integrated LED status display.

General ordering data

Order No.	1312000000
Type	RSM-16DI 24VDC S
Version	Interface, RSM, Optos, LED
GTIN (EAN)	4050118114447
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	124 mm	Width	109 mm
Height	72 mm	Net weight	343.24 g

Temperatures

Operating temperature	-20...+50°C	Storage temperature	-20...+70 °C
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General data

LED status display per relay	green	LED status of the supply voltage	yellow
Power supply fuse	2 A		

Connection data

Connection on control side	Plug-in connector acc. IEC 603-1 / DIN 41651	Number of poles (control side)	20-pole plug
Wiring system	1-wire		

Rating data

Mechanical service life	5 x 10 ⁶ switching cycles
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Ratings data input

Input voltage	24 V DC ± 10%	Input current	13 mA
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Ratings data output

Relay type	RSS	Contact material	AgNi gold flashed
Rated voltage (text)	24 V DC ± 10%	Max. DC continuous current	0.1 A
Minimum contact current	1 mA	Minimum contact voltage	1 V

Insulation coordinates (EN50178)

Rated input insulation voltage	≤ 50 V DC	Rated output insulation voltage	≤ 50 V DC
Oversvoltage category input/output	III	Oversvoltage category input/input	III
Pollution severity level	2	Pulse voltage test (1,2/50µs)	1.5 kV
Insulation test voltage	0.35 kVAC	Clearance input/output	≥ 6 mm

Connection field

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²		

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²		

Classifications

eClass 6.2	27-14-11-52	eClass 7.1	27-14-11-52
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Data sheet...

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Technical data

Approvals

Approvals



ROHS

Conform

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Drawings

