



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!



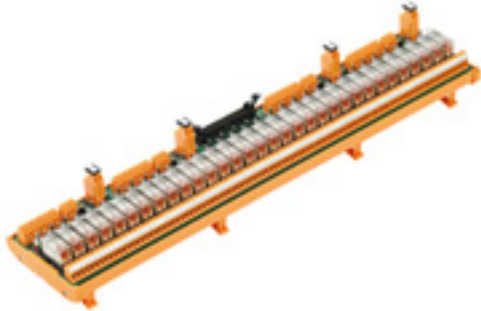
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**RSM**  
**RSM-32 C 1CO Z****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

Digital output interface per-relay for electrical signal transmission between the PLC and the field.

- Electrical isolation by pluggable relays.
- Integrated LED status display.
- Screw or tension clamp-connection.
- Additional functions: in-series fuse or isolator
- 2 versions available: compact (RSS relay) or standard (RCL relay).

**General ordering data**

Type	RSM-32 C 1CO Z
Order No.	<a href="#">9447200000</a>
Version	Interface, RSM, 32 compact, RCL, Tension clamp connection
GTIN (EAN)	4032248253142
Qty.	1 pc(s).

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

Length	365 mm	Width	109 mm
Height	68 mm	Net weight	1,860 g

**Temperatures**

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

LED status display per relay	green	Fuse per relay	No
LED status of the supply voltage	yellow	Power supply fuse	3.15 A

**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)	20-pole plug	Connection (field side)	LMNZF 5.08mm
Connection supply	LMNZF 5.08mm		

**Rating data**

Mechanical service life	3 x 10 <sup>7</sup> switching cycles
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**Ratings data input**

Input voltage	24 V DC ± 10%	Input current	17 mA
Power rating	0.4 VA		

**Ratings data output**

Relay type	RCL	Type of output	Potential-free contact
Contact material	AgNi 90/10	Rated voltage (text)	≤ 250 Vdc ≤ 250 Vac
Max. AC continuous current	5 A	AC peak current	16 A

**Insulation coordinates (EN50178)**

According to	DIN EN 50178	Rated input insulation voltage	< 50 V AC
Rated output insulation voltage	< 250 V AC	Overvoltage category input/output	III
Overvoltage category input/output	III	Overvoltage category output/output	II
Pollution severity level	2	Pulse voltage test (1,2/50µs)	6 kV
Insulation test voltage	1.2 kVAC	Clearance input/output	≥ 5.5 mm
Clearance input/output	≥ 0.2 mm	Clearance output/output	≥ 1.17 mm

**Connection field**

Type of connection	Tension clamp connection	Clamping range, min.	0.14 mm <sup>2</sup>
Clamping range, max.	1.5 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>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Min. wire cross-section, AWG [field]	AWG 26	Max. wire cross-section, AWG [field]	AWG 14
Stripping length	7 mm		

**Data sheet**

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**Technical data**

**Supply connection**

Type of connection	Tension clamp connection	Clamping range, min.	0.14 mm <sup>2</sup>
Clamping range, max.	1.5 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>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 14
Stripping length	7 mm		

**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		

**Approvals**

Approvals



ROHS Conform

**Downloads**

Declaration of Conformity [K241\\_09\\_02.pdf](#)

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**Drawings**

