Chipsmall

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!

Contact us

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RSM-Series
RSM 4RS 24VUC LP

Clip-on RS 30. 31. 32 relay bases are available in widths from 11.2 to 25 mm, depending on the type.
The RSM relay multiplexers are available as 4, 8 and 16-way modules. To reduce the wiring work, the DC variants are fitted with a common plus or minus potential.
The optional IEC603-1 plug-in connector enables the connection of pre-assembled lines.
The screw connection system is used to connect the conductor with a rated cross-section of 2.5 mm².

General ordering data

Order No.	1173461001
Type	RSM 4RS 24VUC LP
Version	RSM-Series, Relays, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24 V AC / DC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248047802
Qty.	1 pc(s).

Creation date March 8, 2013 10:15:11 PM CET

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RSM-Series
RSM 4RS 24VUC LP

Technical data

Ratings

Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Wire cross-section, solid, max.	2.5 mm²		

Dimensions and weights

Width	75 mm	Height	87 mm
Depth	76 mm	Net weight	157.02 g

Temperatures

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

Connection data

Clamping range, rated connection	2.5 mm²	Clamping range, rated connection, min.	0.5 mm²
Clamping range, rated connection, max.	4 mm²	Stripping length, rated connection	8 mm
Wire connection cross section, finely stranded, max.	2.5 mm²		

Input

Rated control voltage	24 V AC / DC	Rated current DC	6 A
Power rating	0.45 W // 0.7 VA	Pull-in / drop-out current, AC coil	16.5 mA
Pull-in / drop-out current, DC coil	-/1.2mA	Status indicator	LED yellow

Output

Max. switching voltage, AC	250 V	Continuous current	6 A
making current	8 A	Max. switching power	2000 VA
Switch-on delay	≤ 10msdc/10msac	Switch-off delay	≤ 15msdc/20msac
Duration of Bounce	≤ 3 ms	Min. switching power	250 mW
Max. switching frequency at rated load	0.1 Hz		

Contact specifications

No. of contacts	1	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	30×10^6 switching cycles
Electrical service life of AC coil	$> 7x10^3$ Switching cycles	Electrical service life, DC coil	$> 5x10^5$ switching cycles

Insulation coordination

Rated voltage	250 V	Clearance and creepage distances for control side - load side	> 3 mm
Impulse withstand voltage	4 kV	Protection degree	IP 20
Pollution severity	2	Surge voltage category	III

Other technical data

Version	Relay coupler	Status indicator	LED yellow
Free-wheel diode	No		

Creation date March 8, 2013 10:15:11 PM CET

RSM-Series
RSM 4RS 24VUC LP

Technical data

Further details of approvals / standards

Standards	DIN EN 50178

Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

Approvals

Approvals

Downloads

Declaration of Conformity	K34_05_10.pdf

Creation date March 8, 2013 10:15:11 PM CET