imall

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.

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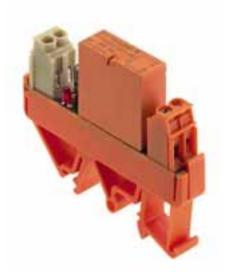


RS-SERIES RS 30 24VDC LD LP 1R



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com





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 mm^2 .

General ordering data

Order No.	<u>1100911001</u>
Туре	RS 30 24VDC LD LP 1R
Version	RS-SERIES, Relays, No. of contacts: 1, NC contact, AgNi 0.15 gold flashed, Rated control voltage: 24 V DC \pm 10 %, Continuous current: 6 A, Screw connection
GTIN (EAN)	4008190052881
Qty.	10 pc(s).

RS-SERIES RS 30 24VDC LD LP 1R

Technical data

Ratings



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Katings			
Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity no condensation
Dimensions and weights			
Width	11.2 mm	Height	70 mm
Depth	56 mm	Net weight	27.07 g
Temperatures			
Operating temperature	-25 °C+40 °C	Storage temperature	-40 °C+60 °C
Connection data			
	0 5 0		0 E 0
Clamping range, rated connection	2.5 mm ²	Clamping range, rated connection, min.	
Clamping range, rated connection, max.	4 mm ²	Stripping length, rated connection	8 mm
Input			
Rated control voltage	24 V DC ±10 %	Rated current DC	10 mA
Power rating		Pull-in (sparkover) / drop-out voltage DC	
	0.45 W	coil	21.5 V
Pull-in / drop-out current, DC coil	12 mA / 3 mA		
Output			
	050.1/		
Max. switching voltage, AC	250 V	Continuous current	6 A 2000 VA
making current Switch-on delay	8 A ≤ 8 ms	Max. switching power Switch-off delay	≤ 7 ms
Duration of Bounce	$\leq 3 \text{ ms}$	Min. switching power	250 mW
Max. switching frequency at rated load			200 1111
Contact specifications			
	4	0	
No. of contacts Contact material	1	Contact design Mechanical service life	NC contact
Electrical service life of AC coil	AgNi 0.15 gold flashed	Electrical service life, DC coil	20×10^{6} switching cycles > 5×10^{5} switching cycles
	> 7x10 ⁵ Switching cycles		> 5x10 ⁻ switching cycles
Insulation coordination			
Rated voltage		Clearance and creepage distances for	
	250 V	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	Free-wheel diode	Yes
Reverse polarity protection	Available		
Further details of approvals / s	standards		
Standards	DIN EN 50178		

Creation date March 7, 2013 4:00:09 PM CET

RS-SERIES RS 30 24VDC LD LP 1R

Technical data

Classifications

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

Approvals

Approvals



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Declaration of Conformity

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