



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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**RS-SERIES**  
**RS 30 24VDC LD LP 1A**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
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<sup>2</sup>.

**General ordering data**

Order No.	<a href="#">1101611001</a>
Part designation	RS 30 24VDC LD LP 1A
Version	RS-SERIES, Relays, No. of contacts: 1, NO contact, Rated control voltage: 24 V DC ±10 %, Screw connection
GTIN (EAN)	4032248023523
Qty.	10 pc(s).

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**Technical data**
**Dimensions**

Length	70 mm	Width	11.2 mm
Height	56 mm		

**Temperature**

Ambient temperature (operational)	-25 °C...+40 °C	Storage temperature	-40 °C...+60 °C
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**Input**

Rated voltage	250 V	Rated control voltage	24 V DC ±10 %
Pull-in (sparkover) / drop-out voltage DC coil	21.5V	Rated current DC	8 A
Pull-in / drop-out current, DC coil	12mA/3mA	Power rating	0.45 W

**Output**

Continuous current	6 A	Duration of Bounce	≤ 3 ms
Max. switching current	8 A	Max. switching frequency at rated load	70 Hz
Min. switching current	10 mA	Switch-off delay	≤ 7 ms
Switch-on delay	≤ 8 ms	Switching voltage AC, max.	250 V
making current	8 A	min. switching capacity	250 mW

**Contact data**

Contact design	NO contact	No. of contacts	1
Contact material	AgNi 0.15 gold flashed	Mechanical service life	20 x 10 <sup>6</sup> switching cycles
Electrical service life, DC coil	> 5x10 <sup>5</sup> switching cycles	Electrical service life of AC coil	> 7x10 <sup>5</sup> switching cycles

**Rated data**

Conductor connection system	Screw connection	DIN Rail compatibility	TS 32 TS 35
Humidity	40°C / 93% rel. humidity, no condensation		

**Insulation coordination (EN 50 178)**

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

**Other technical data**

Free-wheel diode	Yes	Reverse polarity protection	Available
Version	Relay coupler		

**Approvals**

Approvals institutes	CSA; GOSTME25; MARITREG; CE
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**Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01

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Last update 27.09.2010 / We reserve the right to make technical changes.