

## RS-SERIES RS 30 240VAC LD LP 1A

**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<sup>2</sup>.

### General ordering data

Type	RS 30 240VAC LD LP 1A
Order No.	<a href="#">1128511001</a>
Version	RS-SERIES, Relays, No. of contacts: 1, NO contact, AgNi 0.15 gold flashed, Rated control voltage: 240 V AC +5 % / -15 %, Continuous current: 3 A, Screw connection
GTIN (EAN)	4008190073862
Qty.	10 pc(s).

## RS-SERIES RS 30 240VAC LD LP 1A

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

## Technische Daten

### Dimensions and weights

Width	11.2 mm	Height	70 mm
Depth	56 mm	Net weight	33.3 g

### Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature	-25 °C...+40 °C
Storage temperature	-40 °C...+60 °C		

### Input

Coil resistance		Pull-inrop-out current, typ.	1 mA AC
Rated control voltage	240 V AC +5 % / -15 %	Rated current AC	4 mA
Power rating	1.2 VA	Pull-inrop-out typ.	204 V AC

### Output

Max. switching voltage, AC	250 V	Continuous current	3 A
Inrush current	8 A	Max. switching power	2000 VA
Switch-on delay	≤ 10 ms	Switch-off delay	≤ 9 ms
Duration of Bounce	≤ 3 ms	Min. switching power	250 mW
Max. switching frequency at rated load	0.1 Hz		

### Contact data

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

### General data

Wire connection method	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
------------------------	------------------	----------	------------------------------------------------

### Insulation coordination

Creepage and clearance distance input – output	> 3 mm	Rated voltage	250 V
Impulse withstand voltage	4 kV	Protection degree	IP 20
Pollution severity	2	Surge voltage category	III

### Other technical data

Version	Relay coupler
---------	---------------

### Further details of approvals / standards

Standards	DIN EN 50178
-----------	--------------

### Connection data

Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Stripping length, rated connection	8 mm
Wire connection method	Screw connection		

Erstellungs-Datum December 17, 2013 10:26:59 AM CET

**RS-SERIES  
RS 30 240VAC LD LP 1A**

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

**Technische Daten****Classifications**

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-01
eClass 7.1	27-37-16-01		

**Approvals**

Approvals



ROHS Conform

**Downloads**Declaration of Conformity [K032\\_09\\_10.pdf](#)