

**PLUGSERIES**  
**PRS 115Vdc LD 1CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com



High power/currents can be safely switched with the PLUGSERIES. The modular system enables conventional relays and LED indicators simply to be plugged in. Retaining and disassembly clips provide a secure mount.

Pre-assembled relays with 1 or 2 changeover contacts and input voltages from 24V to 230V round of the product range. Plug-in ZQV 2.5 cross-connectors enable relay multiplexers to be set up quickly thanks to simple side-by-side mounting.

**General ordering data**

Order No.	<a href="#">8536510000</a>
Type	PRS 115Vdc LD 1CO
Version	PLUGSERIES, Relays, No. of contacts: 1, CO contact, Rated control voltage: 115 V DC $\pm 10\%$ , 16 A, Screw connection
GTIN (EAN)	4032248171651
Qty.	10 pc(s).

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**Technical data**
**Dimensions**

Length	92 mm	Width	15.3 mm
Height	95 mm		

**Temperatures**

Operating temperature	-40 °C...+50 °C	Ambient temperature (text)	-40 °C...+50°C
Storage temperature	-40 °C...+85 °C		

**Connection data**

Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Clamping range, rated connection	2.5 mm <sup>2</sup>
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Clamping range, rated connection, max.	2.5 mm <sup>2</sup>

**Input**

Power rating	740 mW	Pull-in (sparkover) / drop-out voltage DC coil 60 V / 21 V	
Rated control voltage	115 V DC ±10 %	Rated current DC	6.4 mA
Status indicator	Green LED		

**Output**

Continuous current	16 A	Max. switching current	16 A
Max. switching frequency at rated load	0.1 Hz	Max. switching power	4 kVA
Max. switching voltage, AC	250 V	Min. switching power	10 V / 100 mA
Sparkover time / Drop-out time	7.7 ms / 13.1 ms	Switch-off delay	< 7ms
Switch-on delay	< 8 ms	making current	16 A

**Contact data**

No. of contacts	1	Contact design	CO contact
Mechanical service life	3 x 10 <sup>7</sup> switching cycles	Type of contact	CO contact
Contact material	AgNi 90/10		

**Rated data**

Ambient temperature (text)	-40 °C...+50°C	Conductor connection system	Screw connection
Flammability class UL 94	V-0	Humidity	40°C / 93% rel. humidity, no condensation
Relay type	SIEMENS RT 1	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>

**Insulation coordination (EN 50 178)**

Clearance and creepage distances for control side - load side	> 8 mm	Impulse withstand voltage	6 kV
Pollution severity	2	Protection degree	IP 20
Rated voltage	300 V AC <sub>eff</sub>	Surge voltage category	III

**Other technical data**

Free-wheel diode	Yes	Reverse polarity protection	No
Status indicator	Green LED	Version	Relay coupler

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**Technical data**

**Approvals**

Standards DIN EN 50178

**Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
ETIM 4.0	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	27371601

**Approvals**

Approvals



**Downloads**

Declaration of Conformity [K217\\_09\\_09.pdf](#)  
[3-D model](#)

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**Drawings****Electric symbol**