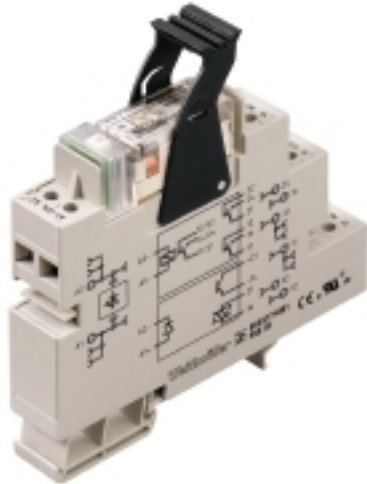


PLUGSERIES PRS 120Vac LD 1CO

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

Product image



Similar to illustration

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

Delivery status	This article will no longer be available in the future.
Available until	2016-12-31
Type	PRS 120Vac LD 1CO
Order No.	8530641001
Version	PLUGSERIES, Relays, No. of contacts: 1 CO contact AgNi 90/10, Rated control voltage: 120 V AC $\pm 10\%$, Continuous current: 16 A, Screw connection
GTIN (EAN)	4032248216369
Qty.	10 pc(s).
Alternative product	1479730000

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Technical data
Dimensions and weights

Width	15.3 mm	Width (inches)	0.602 inch
Height	92 mm	Height (inches)	3.622 inch
Depth	95 mm	Depth (inches)	3.74 inch
Net weight	73.7 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	50 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...50 °C
Storage temperature	-40 °C...85 °C		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Rated data UL

Certificate No. (cURus) E141197

Input

Rated control voltage	120 V AC ± 10 %	Rated current AC	9.1 mA
Power rating	0.9 VA	Pull-in/drop-out voltage, typ.	86.3 V / 17.3 V AC
Coil resistance	8100 Ω ± 15 %	Status indicator	Green LED

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	400 V
Continuous current	16 A	Inrush current	30 A / 4 s
Switch-on delay	< 9 ms	Switch-off delay	< 7 ms
Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V	Max. switching frequency at rated load	0.1 Hz

Contact data

Contact type	1 CO contact (AgNi 90/10)	Mechanical service life	10 x 10 ⁶ switching cycles
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General data

Rail	TS 35	Test button	No
Mechanical switch position indicator	No	Colour	beige
UL 94 flammability rating	V-0		

Insulation coordination

Rated voltage	300 V AC _{eff}	Surge voltage category	III
Pollution severity	2	Protection degree	IP20
Creepage and clearance distance input – output	≥ 8 mm	Impulse withstand voltage	6 kV (1.2/50 μs)

Data sheet

**PLUGSERIES
PRS 120Vac LD 1C0**

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Technical data

Further details of approvals / standards

Standards	DIN EN 50178	Certificate No. (cURus)	E141197
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Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, max.	0.7 Nm	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	2.5 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²

Classifications

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	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
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

Approvals

Approvals			
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ROHS Conform

Downloads

Engineering Data	EPLAN.WSCAD
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Drawings**Wiring diagram**