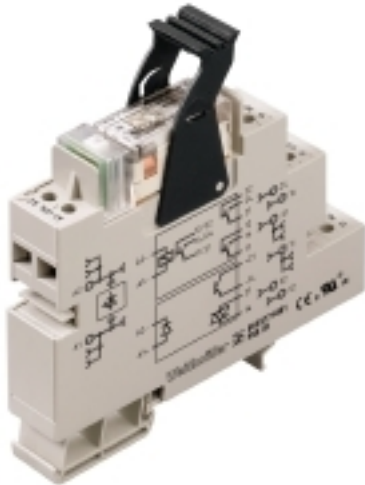


PLUGSERIES PRS 120Vac LD 1CO

Weidmüller Interface GmbH & Co. KG
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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

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, Relay module, 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	-40 °C...50 °C
Storage temperature	-40 °C...85 °C		

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
AC switching capacity (resistive), max.	4000 VA	DC switching capacity (resistive), max.	384 W @ 24 V
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

Mounting rail	TS 35	Test button	No
Mechanical switch position indicator	No	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)

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, rated connection, min.	0.5 mm ²	Clamping range, rated connection, 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

Creation date September 25, 2017 10:32:52 AM CEST

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Technical data

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		

Product information

Descriptive text technical data Cross-connectors and markers - refer to PLUGSERIES Accessories.

Approvals

Approvals



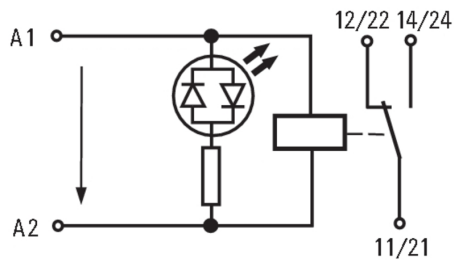
ROHS Conform

Downloads

Engineering Data [EPLAN, WSCAD](#)

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Drawings**Circuit diagram****AC-Version**

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Accessories

Custom printing



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/5 MC SDR	1635010000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, To customer specification	4008190456634	144 pc(s).

Blank



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 15/5 MC NE WS	1609880000	WS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, White	4008190203504	480 pc(s).

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Accessories

cross-connector



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General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future. 2016-12-31T00:00:00+01:00	ZQV 2.5N 1/4-2 BL	1784290000	PLUGSERIES, Cross-connector	4032248216383	60 pc(s).
This article will no longer be available in the future. 2016-12-31T00:00:00+01:00	ZQV 2.5N 1/4-2 RT	1784280000	PLUGSERIES, Cross-connector	4032248214686	60 pc(s).
This article will no longer be available in the future. 2016-12-31T00:00:00+01:00	ZQV 2.5N 1/4-2 SW	1784270000	PLUGSERIES, Cross-connector	4032248214679	60 pc(s).

Retaining clip



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General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future. 2017-12-31T00:00:00+01:00	PRC Haltebuegel	8536700000	PLUGSERIES, Retaining clip	4032248171965	100 pc(s).

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Accessories

Blank



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- Can be fitted in strips or individually
- Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/5 MC	1635000000	WS, Terminal marker, 10 x	4008190261948	720 pc(s).
NE WS		5 mm, Pitch in mm (P): 5.00	Weidmueller, Allen-Bradley,	
		White		

LED with freewheeling diode



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General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	2016-12-31T00:00:00+01:00	PLED 120Vac	8536760000	PLUGSERIES, LED module, Plug-in connection	4032248172030	20 pc(s).