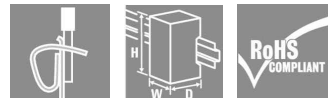
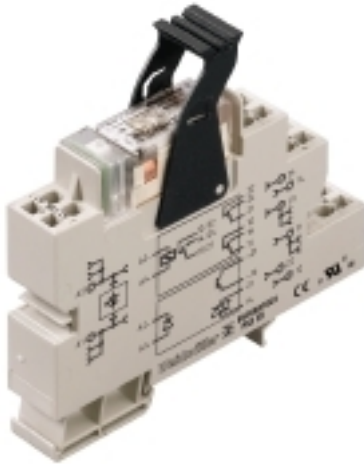


## PLUGSERIES PRZ 24Vdc LD 2CO

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

Type	PRZ 24Vdc LD 2CO
Order No.	<a href="#">8530701001</a>
Version	PLUGSERIES, Relays, No. of contacts: 2, CO contact, AgNi 90/10, Rated control voltage: 24 V DC $\pm 10\%$ , Continuous current: 8 A, Tension clamp connection
GTIN (EAN)	4032248216048
Qty.	10 pc(s).

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## Technische Daten

### Dimensions and weights

Width	15.3 mm	Height	92 mm
Depth	87.5 mm	Net weight	60.2 g

### Temperatures

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

### Input

Coil resistance	1440 Ω ± 10 %	Protective circuit	Integrated free-wheel diode
Pull-inrop-out current, typ.		Rated control voltage	24 V DC ± 10 %
Rated current DC	20 mA	Power rating	400 mW
Pull-inrop-out voltage, typ.	16.8 V / 2.4 V DC	Status indicator	Green LED

### Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	400 V
Continuous current	8 A	Inrush current	15 A / 4 s
Schaltleistung AC (ohmsch), max.	2000 VA @ 250 V	Schaltleistung DC (ohmsch), max.	192 W @ 24 V
Response time	8 ms / 6 ms	Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA
Max. switching frequency at rated load	0.1 Hz		

### Contact data

No. of contacts	2	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	30 x 10 <sup>6</sup> switching cycles

### General data

Wire connection method	Tension clamp connection	Humidity	40 °C / 93 % rel. humidity, no condensation
UL 94 flammability rating	V-0	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>

### Insulation coordination

Creepage and clearance distance input – output	≥ 8 mm	Rated voltage	300 V AC <sub>eff</sub>
Impulse withstand voltage	6 kV (1.2/50 μs)	Protection degree	IP 20
Pollution severity	2	Surge voltage category	III

### Other technical data

Version	Relay coupler	Protective circuit	Integrated free-wheel diode
Status indicator	Green LED		

### Further details of approvals / standards

Certificate No. (cURus)	E141197	Standards	DIN EN 50178
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**Technische Daten**

**Connection data**

Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, rated connection, max.	2.5 mm <sup>2</sup>
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Stripping length, rated connection	10 mm
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection method	Tension clamp connection	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>		

**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		

**Product information**

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

**Approvals**

Approvals



ROHS Conform

**Downloads**

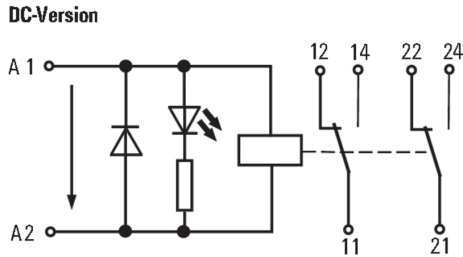
Declaration of Conformity [K217\\_09\\_09.pdf](#)  
[3D Modell](#)

**PLUGSERIES  
PRZ 24Vdc LD 2CO**

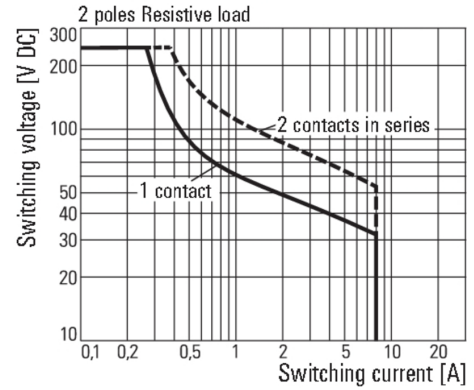
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**Zeichnungen**

**Electric symbol**



**DC load breaking capacity**



**Electrical endurance**

