

PLUGSERIES

POZ 24VDC/230VAC 4A

Weidmüller Interface GmbH & Co. KG

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Germany

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Similar to illustration

The modular kit-type system represents a new generation of plug-in optos.

At the heart is an innovative PXS or PXZ relay base. The PLUGSERIES is particularly service-friendly and the ideal link between SSR and the application. Conventional SSR and LED indicators are simply plugged in, retaining and disassembly clips provide a secure fixing. Pre-assembled SSR couplers round off the product range. Plug-in ZQV 2.5 cross-connectors enable multiplexers to be set up quickly thanks to simple side-by-side mounting.

General ordering data

Delivery status	Discontinued
Available until	2017-12-31
Type	POZ 24VDC/230VAC 4A
Order No.	8610980000
Version	PLUGSERIES, solid-state relays, 1 NO contact (Triac (zero-cross switch)), Rated control voltage: 15 V DC...30 V DC, Rated switching voltage: 12...275 V AC, Continuous current: 4 A, Tension-clamp connection
GTIN (EAN)	4032248271764
Qty.	10 pc(s).

Creation date May 11, 2020 11:10:05 AM CEST

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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	87.5 mm	Depth (inches)	3.445 inch
Net weight	69.15 g		

Temperatures

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

Probability of failure

MTTF	316 Years
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Control side

Rated control voltage	15 V DC...30 V DC	Nominal control current	15 mA DC (±10%)
Power rating	360 mW	Status indicator	Green LED
Protective circuit	Free-wheeling diode		

Load side

Rated switching voltage	12...275 V AC	Continuous current	4 A
Switch-on delay	≤ 12 ms	Switch-off delay	20 ms
Voltage drop at max. load	≤ 1.1 V	Leakage current	< 1 mA
Short-circuit-proof	No		

Contact data

Contact type	1 NO contact (Triac (zero-cross switch))
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General data

Rail	TS 35	Colour	beige
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Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	> 8 mm
Impulse withstand voltage	4 kV (1.2/50 µs)	Protection degree	IP20

Further details of approvals / standards

Standards	DIN EN 50178
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Connection data

Wire connection method	Tension-clamp connection	Stripping length, rated connection	12 mm
Clamping range, rated connection	2.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	2.5 mm ²		

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Technical data**Classifications**

ETIM 6.0	EC001504	ETIM 7.0	EC001504
eClass 9.0	27-37-16-04	eClass 9.1	27-37-16-04
eClass 10.0	27-37-16-04		

Approvals

Approvals



ROHS Conform

DownloadsEngineering Data [EPLAN, WSCAD](#)

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Drawings

Wiring diagram

