

PLUGSERIES

POZ 24VDC/230VAC 4A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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Germany

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www.weidmueller.com



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

Type	POZ 24VDC/230VAC 4A
Order No.	8610980000
Version	PLUGSERIES, Solid-state relay, Rated control voltage: 15 V DC...30 V DC , Rated switching voltage: 12...275 V AC, Rated switching current: 4 A, Tension clamp connection
GTIN (EAN)	4032248271764
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Width	15.3 mm	Height	92 mm
Depth	87.5 mm	Weight	18 g
Net weight	69.15 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	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	Protective circuit, control side	Integrated free-wheel diode
Status display on control side	Green LED		

Load side

Solid-state type	Triac (zero-cross switch)	Rated switching voltage	12...275 V AC
Continuous current	4 A	Rated switching current	4 A
Switch-on delay	≤ 12 ms	Switch-off delay	20 ms
Leakage current	< 1 mA	Voltage drop at max. load	≤ 1.1 V
Short-circuit-proof	No		

General data

Solid-state type	Triac (zero-cross switch)	No. of poles	1
Wire connection method	Tension clamp connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Standards	DIN EN 50178, UL508		

Insulation coordination

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

Further details of approvals

Standards	DIN EN 50178, UL508
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Connection data

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

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Technical data**Classifications**

ETIM 3.0	EC001437	eClass 6.2	27-27-09-90
eClass 7.1	27-27-09-90		

Product information

Descriptive text ordering data	Replacement SSR 8576340000, also refer to www.celduc-relais.com (type STA07220).
Descriptive text accessories	Markers and cross-connectors, refer to PLUGSERIES Accessories.

Approvals

Approvals



ROHS	Conform
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Downloads

Declaration of Conformity	K220_01_02.pdf
EPLAN	8610980000.ema

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Drawings

Electric symbol

