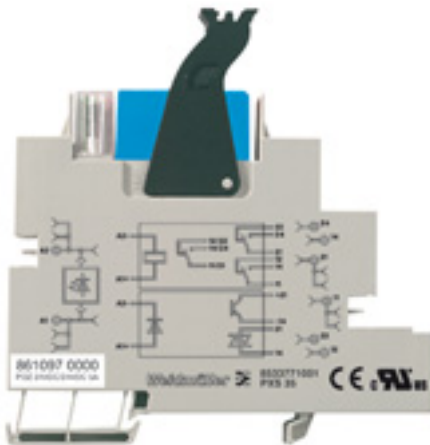


**PLUGSERIES**  
**POS 24VDC/24VUC 1A**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
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**

Order No.	<a href="#">8610890000</a>
Part designation	POS 24VDC/24VUC 1A
Version	PLUGSERIES, Solid-state relay, 0...30 V AC / DC, 1 A, Screw connection
GTIN (EAN)	4032248271481
Qty.	10 pc(s).

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**Technical data**

**Dimensions**

Length	92 mm	Width	15.3 mm
Height	95 mm	Weight	11 g

**Temperature**

Ambient temperature (operational)	-40 °C...+50 °C	Storage temperature	-40 °C...+50 °C
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**Approvals**

Approvals institutes	GOSTME25; CE; CURUS
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**Control side**

Power rating	250 mW	Rated auxiliary voltage	No
Rated control voltage	15 V DC...30 V DC		

**General data**

Standards	EN 50178	Humidity	40°C / 93% rel. humidity, no condensation
Conductor connection system	Screw connection	DIN Rail compatibility	TS 35
Solid-state type	POWER MOS-FET		

**Insulation coordination (EN 50 178)**

Clearance and creepage distances for control/load side	> 8 mm	Overvoltage category	III
Pollution severity	2	Protective separation acc. to VDE 0106	No
Rated impulse withstand voltage	4 kV <sub>eff</sub>	Rated voltage	300 V

**Load side**

Protective circuit, load side	Integrated free-wheel diode	Rated auxiliary voltage	No
Rated switching current	1 A	Rated switching voltage	0...30 V AC / DC
Short-circuit-proof	No	Status indicator load side	Green LED
Switch-off delay	< 12 ms	Switch-on delay	< 5 ms
Voltage drop at max. load	≤ 0.9 V		

**Classifications**

ETIM 2.0	EC001504	ETIM 3.0	EC001504
eClass 5.1	27-27-09-90	eClass 6.0	27-27-09-90

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**Drawings**

**Electric symbol**

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