

PLUGSERIES
POS 24VDC/24VUC 1A
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

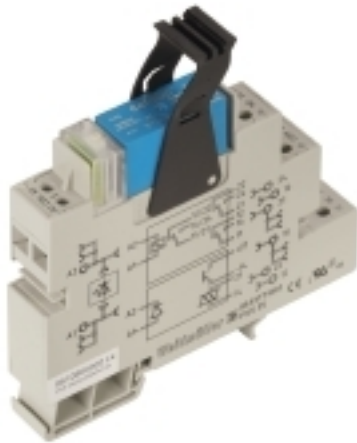
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www.weidmueller.com



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

Delivery status	This article will no longer be available in the future.
Available until	2016-12-31
Type	POS 24VDC/24VUC 1A
Order No.	8610890000
Version	PLUGSERIES, solid-state relays, 1 NO contact (MOS-FET), Rated control voltage: 15 V DC...30 V DC, Rated switching voltage: 0...30 V AC / DC, Continuous current: 1 A, Screw connection
GTIN (EAN)	4032248271481
Qty.	10 pc(s).

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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
Weight	11 g	Net weight	61 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	2,571 Years
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Control side

Rated control voltage	15 V DC...30 V DC	Nominal control current	13.4 mA DC ±20 %
Power rating	320 mW	Status indicator	Green LED
Protective circuit	Free-wheel diode		

Load side

Rated switching voltage	0...30 V AC / DC	Continuous current	1 A
Rated switching current	1 A	Switch-on delay	< 5 ms
Switch-off delay	< 12 ms	Voltage drop at max. load	≤ 0.9 V
Leakage current	< 1 mA	Short-circuit-proof	No
max. switching frequency (DC control voltage)	10 Hz		

Contact data

Contact type	1 NO contact (MOS-FET)
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General data

Mounting rail	TS 35
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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	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

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Classifications

ETIM 3.0	EC001504	ETIM 4.0	EC001504
ETIM 5.0	EC001504	ETIM 6.0	EC001504
UNSPSC	30-21-18-01	eClass 5.1	27-27-09-90
eClass 6.2	27-27-09-90	eClass 7.1	27-27-09-90
eClass 8.1	27-27-09-90	eClass 9.0	27-27-09-90
eClass 9.1	27-37-16-04		

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

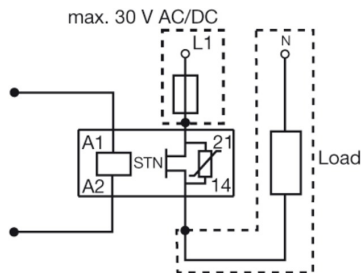
Engineering Data	EPLAN, WSCAD
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Drawings

Wiring diagram



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Accessories

Blank



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 15/5 MC	1609880000	WS, Terminal marker, 15 x	4008190203504	480 pc(s).
NE WS		5 mm, Pitch in mm (P): 5.00		
		Weidmueller, Allen-Bradley,		
		White		

cross-connector



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 Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
This article will no longer be available in the future.	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.	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.	ZQV 2.5N 1/4-2 SW	1784270000	PLUGSERIES, Cross-connector	4032248214679	60 pc(s).

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Accessories

Retaining clip



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General ordering data

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

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 5 mm, Pitch in mm (P): 5.00	4008190261948	720 pc(s).
NE WS		Weidmueller, Allen-Bradley, White		

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Accessories
LED with freewheeling diode


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This article will 2017-12-31T00:00:00+01:00 no longer be available in the future.	PLED 24Vdc	8536710000	PLUGSERIES, LED module, Plug-in connection	4032248171972	20 pc(s).