

## JACKPAC JPR 24VDC 1CO M12

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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### Product image



The JPR relays in their IP 68 JACKPAC enclosures are available with and without electrical isolation. The switching amplifier amplifies 24 Vdc switch outputs to max. 2 A. The switching voltage at the output is fed via a T-junction.

### General ordering data

Type	JPR 24VDC 1CO M12
Order No.	<a href="#">8771420000</a>
Version	JACKPAC, Relays, No. of contacts: 1 CO contact AgSnO, Rated control voltage: 24 V DC $\pm 20\%$ , Continuous current: 2 A, M12 plug/socket, A-coded
GTIN (EAN)	4032248439621
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	83 mm	Length (inches)	3.268 inch
Width	36 mm	Width (inches)	1.417 inch
Height	14.4 mm	Height (inches)	0.567 inch
Net weight	53.5 g		

**Temperatures**

Operating temperature, max.	70 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-25 °C
Operating temperature	-25 °C...70 °C	Storage temperature	-25 °C...70 °C

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Input**

Rated control voltage	24 V DC $\pm$ 20 %	Rated current DC	8 mA
Power rating	200 mW	Pull-in/drop-out voltage, typ.	16.8 V / 1.2 V DC
Pull-in/drop-out current, typ.	5 mA / 1 mA DC	Protective circuit	Free-wheeling diode

**Control side**

Rated control voltage	24 V DC $\pm$ 20 %	Power rating	200 mW
Protective circuit	Free-wheeling diode		

**Output**

Max. switching voltage, DC	24 V	Continuous current	2 A
Switch-on delay	$\leq$ 6 ms	Switch-off delay	$\leq$ 6 ms
Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V	Max. switching frequency at rated load	0.1 Hz

**Load side**

Continuous current	2 A	Switch-on delay	$\leq$ 6 ms
Switch-off delay	$\leq$ 6 ms		

**Contact data**

Contact type	1 CO contact (AgSnO)	Mechanical service life	10 x 10 <sup>6</sup> switching cycles
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**General data**

Colour	grey	UL 94 flammability rating	V-0
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**Insulation coordination**

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Protection degree	IP67

**Further details of approvals / standards**

Certificate no. (cULus)	E141197
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**Data sheet**

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**Connection data**

Wire connection method M12 plug/socket, A-coded

**Classifications**

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	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
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

**Approvals**

Approvals



ROHS Conform

**Downloads**

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

**Data sheet**

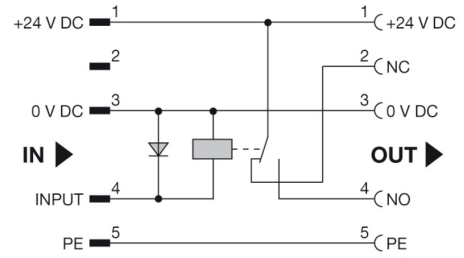
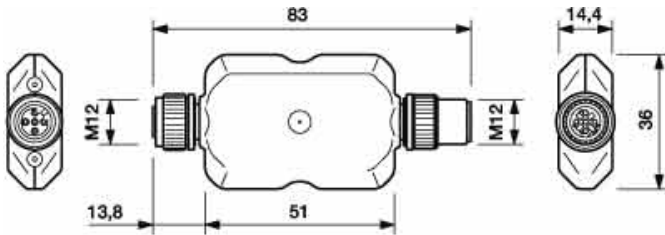
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**Drawings**

**Dimensional drawing**

**Electric symbol**



**Pinning**

