

**JACKPAC
JPR 24VDC 1CO M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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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

Order No.	8771420000
Type	JPR 24VDC 1CO M12
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
Ratings

Conductor connection system	M12 plug/socket, A-coded	UL 94 flammability rating	V-0
Ambient temperature	-25 °C...+70 °C		

Dimensions and weights

Length	83 mm	Width	36 mm
Height	14.4 mm	Net weight	55 g

Temperatures

Operating temperature	-25 °C...+70 °C	Ambient temperature	-25 °C...+70 °C
Storage temperature	-25 °C...+70 °C		

Input

Rated control voltage	24 V DC $\pm$ 20 %	Rated current DC	8 mA
Power rating	200 mW	Pull-in (sparkover) / drop-out voltage DC coil	16.8 V / 1.2 V
Pull-in / drop-out current, DC coil	5 mA / 1 mA		

Output

Max. switching voltage, DC	24 V	Continuous current	2 A
Max. switching power	24 V / 2 A	Response time	ca. 5 ms
Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA	Max. switching frequency at rated load	0.1 Hz

Contact specifications

No. of contacts	1	Contact design	CO contact
Contact material	AgSnO	Mechanical service life	10 x 10 ⁶ switching cycles

Insulation coordination

Rated voltage	300 V	Protection degree	IP 67
Pollution severity	2	Surge voltage category	III

Other technical data

Version	Relay coupler	Free-wheel diode	Yes
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Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

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Technical data

Approvals

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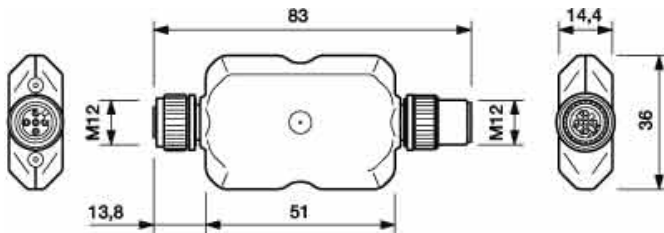
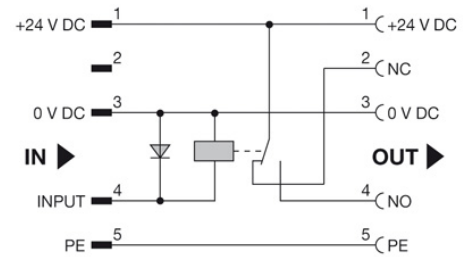


Downloads

Declaration of Conformity [K270_06_06.pdf](#)
[3-D model](#)

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Drawings
Dimensioned drawing

Electric symbol

Pinning
