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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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JACKPAC JPR 24VDC ISO 1CO M12

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



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.	8771430000
Type	JPR 24VDC ISO 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)	4032248439638
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	54 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		

Data sheet...

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Technical data

Approvals

Approvals



Downloads

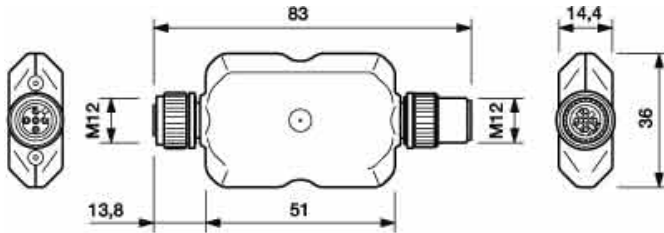
Declaration of Conformity [K270_06_06.pdf](#)
[3-D model](#)

**JACKPAC
JPR 24VDC ISO 1CO M12**

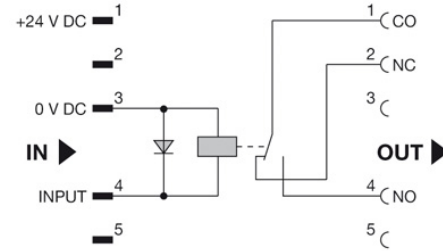
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Drawings

Dimensioned drawing



Electric symbol



Pinning

