

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

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

Creation date March 29, 2021 11:17:11 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-25 °C...70 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Rated control voltage	24 V DC $\pm 20\%$	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

Continuous current	Current	2 A
Max. switching voltage, DC	24 V	
Continuous current	2 A	
DC switching capacity (resistive), max.	48 W @ 24 V	
DC switching capacity, max.	48 W	
Switching capacity	24 V	
Switch-on delay	≤ 6 ms	
Switch-on delay	≤ 6 ms	
Switch-on delay	Signs	$\leq$
	Time	nominal 6 ms
	Time	6 ms
Switch-off delay	≤ 6 ms	
Switch-off delay	≤ 6 ms	
Switch-off delay	Time	6 ms
	Signs	$\leq$
	Time	nominal 6 ms
Max. switching frequency at rated load	0.1 Hz	
Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V	

Load side

Continuous current	2 A	Switch-on delay	≤ 6 ms
Switch-off delay	≤ 6 ms		

Contact data

Contact type	1 CO contact (AgSnO)	Mechanical service life	10×10^6 switching cycles
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Creation date March 29, 2021 11:17:12 PM CEST

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Technical data**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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Connection data

Wire connection method	M12 plug/socket, A-coded
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output

Switching voltage, max.	24 V DC
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Ratings IECEx/ATEX/cUL

Certificate no. (cULus)	E141197
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Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ECLASS 9.0	27-37-16-01	ECLASS 9.1	27-37-16-01
ECLASS 10.0	27-37-16-01	ECLASS 11.0	27-37-16-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Engineering Data	STEP
Engineering Data	EPLAN, WSCAD

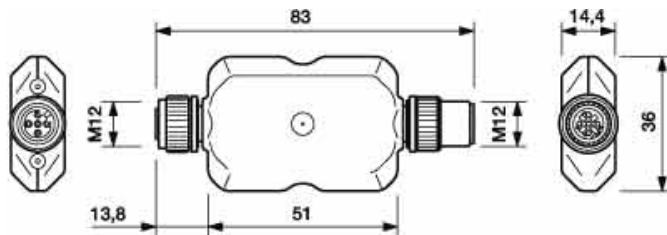
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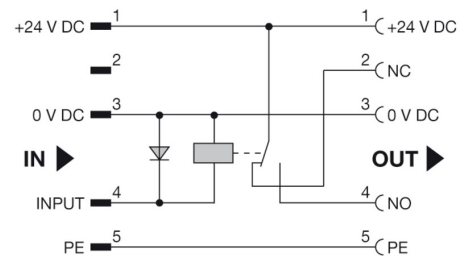
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Drawings

Dimensional drawing



Electric symbol



Pinning

