

JACKPAC JPR 24VDC ISO 1CO M12

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Product image



Similar to illustration

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 ISO 1CO M12
Order No.	8771430000
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
GTIN (EAN)	4032248439638
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	52.6 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
DC switching capacity (resistive), max.	48 W @ 24 V	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 ⁶ 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

Data sheet

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Technical data

Further details of approvals / standards

Certificate no. (cULus) E141197

Connection data

Wire connection method M12 plug/socket, A-coded

Ratings IECEx/ATEX/cUL

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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	UNSPSC	30-21-19-17

Approvals

Approvals



ROHS Conform

Downloads

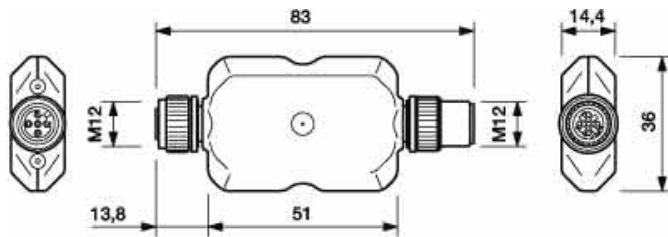
Brochure/Catalogue [CAT 8 SAI 15/16 EN](#)
[FL FIELDWIRING EN](#)
 Engineering Data [EPLAN, WSCAD](#)

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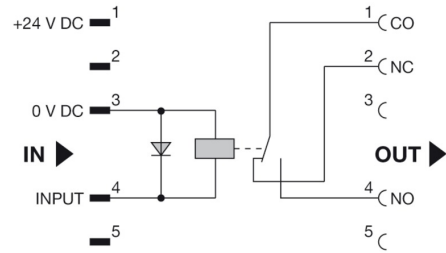
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Drawings

Dimensional drawing



Electric symbol



Pinning

