

## JPR 24VDC ISO 1CO M12

Weidmüller Interfaces GmbH & Co. KG

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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

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.	<a href="#">8771430000</a>
Type	JPR 24VDC ISO 1CO M12
GTIN (EAN)	4032248439638
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Height	14.4 mm	Height (inches)	0.567 inch
Width	36 mm	Width (inches)	1.417 inch
Length	83 mm	Length (inches)	3.268 inch
Net weight	52 g		

### Temperatures

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

### 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	$\leq$ 6 ms	
Switch-on delay	$\leq$ 6 ms	
Switch-on delay	Time	nominal 6 ms
	Signs	$\leq$
	Time	6 ms
Switch-off delay	$\leq$ 6 ms	
Switch-off delay	Signs	$\leq$
	Time	nominal 6 ms
	Time	6 ms
Switch-off delay	$\leq$ 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	$\leq$ 6 ms
Switch-off delay	$\leq$ 6 ms		

### General data

Colour	grey	UL 94 flammability rating	V-0
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[info@weidmuller.com](mailto:info@weidmuller.com)[www.weidmuller.com](http://www.weidmuller.com)**Technical data****Insulation coordination**

Rated voltage	300 V	Pollution severity	www.weidmuller.com
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
ETIM 8.0	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	ECLASS 12.0	27-37-16-01

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	066f3ba0-f03f-48d2-9b27-b897c98936ad

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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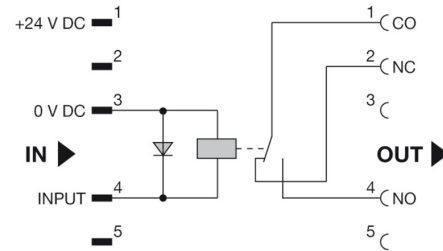
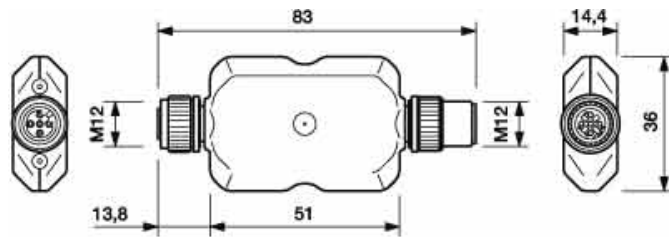
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**Drawings**

**Dimensional drawing**

**Electric symbol**



**Pinning**

