

**JPR 24VDC ISO 1CO M12**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Product image, Similar to illustration**



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 items

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E141197

**Dimensions and weights**

Depth	83 mm	Depth (inches)	3.2677 inch
Height	14.4 mm	Height (inches)	0.5669 inch
Width	36 mm	Width (inches)	1.4173 inch
Net weight	50.5 g		

**Temperatures**

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

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a
REACH SVHC	Lead 7439-92-1
SCIP	066f3ba0-f03f-48d2-9b27-b897c98936ad

**Input**

Rated control voltage	24 V DC ±20 %	Rated control voltage	24 V DC ± 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
Status indicator	No	Protective circuit	Free-wheeling diode

**Control side**

Rated control voltage	24 V DC ±20 %	Power rating	200 mW
Status indicator	No	Protective circuit	Free-wheeling diode

**Output**

Continuous current	Current	2 A	
Max. switching voltage, AC	48 V		
Max. switching voltage, DC	24 V		
Continuous current	2 A		
AC switching capacity (resistive), max.	48 VA @ 48 V		
AC switching capacity, max.	48 VA		
Switching capacity	48 V		
DC switching capacity (resistive), max.	48 W @ 24 V		
DC switching capacity, max.	48 W		
Switching capacity	24 V		
Switch-on delay	approx. 5 ms		
Switch-on delay	Time	nominal	6 ms
	Time	6 ms	
	Signs	≤	

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Switch-on delay	≤ 6 ms		
Switch-off delay	≤ 12 ms		
Switch-off delay	Time	nominal	6 ms
	Time	6 ms	
	Signs	≤	
Switch-off delay	≤ 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	approx. 5 ms
Switch-off delay	≤ 12 ms		

**General data**

Colour	grey	UL 94 flammability rating	V-0
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**Insulation coordination**

Rated voltage	300 V	Surge voltage category	III
Pollution severity	2	Protection degree	IP67

**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.	48 V AC; 24 V DC
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**Ratings IECEx/ATEX/cUL**

Certificate no. (cULus)	E141197
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**Classifications**

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

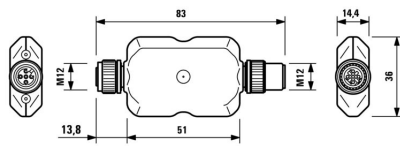
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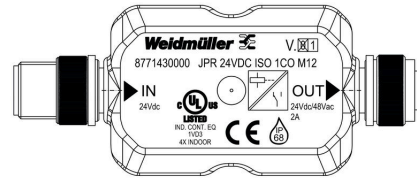
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Drawings

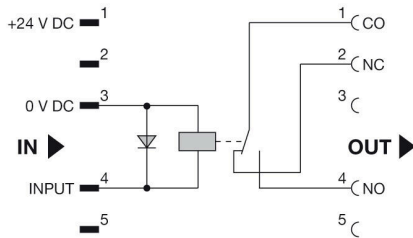
Detailed drawing



Dimensional drawing



Wiring diagram



Pinning

