

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.	8771430000
Type	JPR 24VDC ISO 1CO M12
GTIN (EAN)	4032248439638
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	83 mm	Depth (inches)	3.268 inch
Height	14.4 mm	Height (inches)	0.567 inch
Width	36 mm	Width (inches)	1.417 inch
Net weight	50.5 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-25 °C...70 °C
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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
Status indicator	No	Protective circuit	Free-wheeling diode

Control side

Rated control voltage	24 V DC $\pm 20\%$	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	≤ 6 ms	
Switch-on delay	Signs	$\leq$
	Time	nominal 6 ms
	Time	6 ms
Switch-off delay	≤ 12 ms	
Switch-off delay	Time	nominal 6 ms
	Signs	$\leq$
	Time	6 ms
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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Creation date May 16, 2025 8:55:04 AM CEST

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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.	48 V AC; 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	ETIM 9.0	EC001437
ETIM 10.0	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
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

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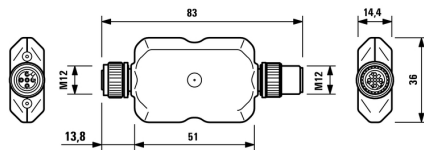
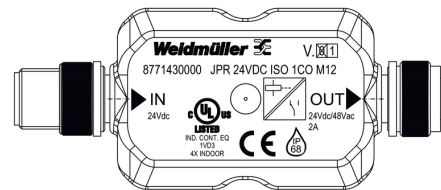
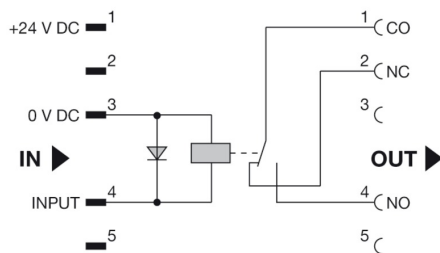
Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings
Detailed drawing

Dimensional drawing

Wiring diagram

Pinning
