

RIDERSERIES RPW RPW202730

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image



Similar to illustration

Standard relays in the RIDERSERIES RPW.

- 2 CO contacts
- Optionally AC or DC coils
- Mechanical operating display

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2018-12-31
Type	RPW202730
Order No.	8690720000
Version	RIDERSERIES RPW, Relay, No. of contacts: 2 CO contact AgCdO, Rated control voltage: 230 V AC, Continuous current: 16 A, Flat blade connections (4.8 mm x 0.5 mm)
GTIN (EAN)	4032248361304
Qty.	25 pc(s).
Alternative product	1219380000

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Technical data**Dimensions and weights**

Width	38.5 mm	Width (inches)	1.516 inch
Height	35.5 mm	Height (inches)	1.398 inch
Depth	48.5 mm	Depth (inches)	1.909 inch
Net weight	87.2 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	60 °C
Operating temperature, min.	-45 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-40 °C	Operating temperature	-45 °C...60 °C
Storage temperature	-40 °C...60 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E224238
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Input

Rated control voltage	230 V AC	Rated current AC	10.1 mA
Power rating	2.3 VA	Pull-in/drop-out voltage, typ.	184 V / 69 V AC
Coil resistance	8300 Ω ± 12 %		

Output

Rated switching voltage	400 VAC	Max. switching voltage, AC	440 V
Continuous current	16 A	Inrush current	40 A / 20 ms
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 10 ms
Min. switching power	100 mA @ 24 V	Max. switching frequency at rated load	0.1 Hz

Contact data

Contact type	2 CO contact (AgCdO)	Mechanical service life	20 x 10 ⁶ switching cycles
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General data

Rail	TS 35	Test button	No
Mechanical switch position indicator	Yes	Colour	Transparent
UL 94 flammability rating	V-2		

Insulation coordination

Rated voltage	250 V	Surge voltage category	III
Pollution severity	2	Insulating material group	IIIa
Protection degree	IP20	Dielectric strength, Input/Output	2.5 kV _{eff} / 1 Min.
Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength of open contact	1.5 kV _{eff} / 1 min.	Impulse withstand voltage	5 kV (1.2/50 μs)

Data sheet

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Technical data

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2426937
Certificate No. (cURus)	E224238		

Connection data

Wire connection method	Flat blade connections (4.8 mm x 0.5 mm)
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Classifications

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	EC001437
UNSPSC	30-21-19-17	eClass 5.1	27-37-16-01
eClass 6.2	27-37-16-01	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

Approvals

Approvals



ROHS	Conform
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Downloads

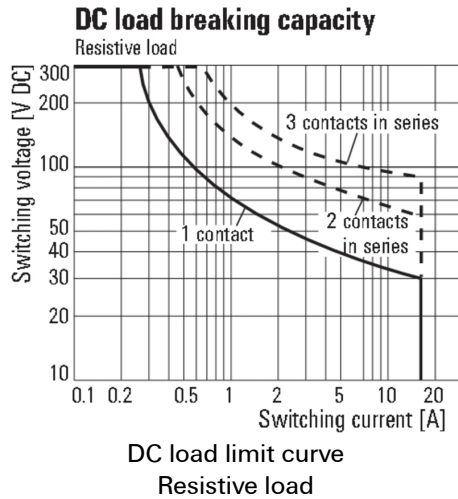
Approval/Certificate/Document of Conformity	DE_PA5600_160401_003.pdf
Engineering Data	EPLAN, WSCAD

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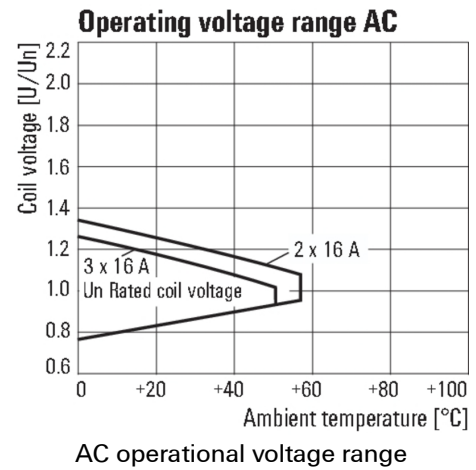
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Drawings

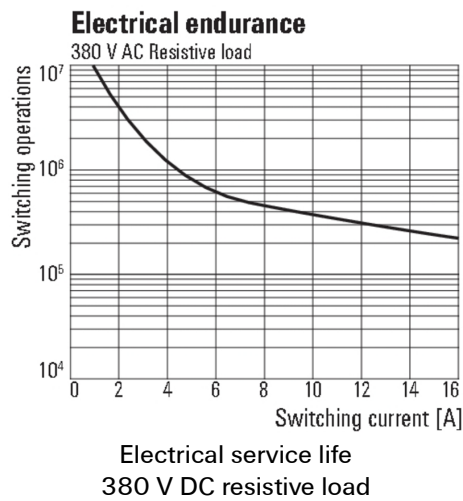
Graph



Graph



Graph



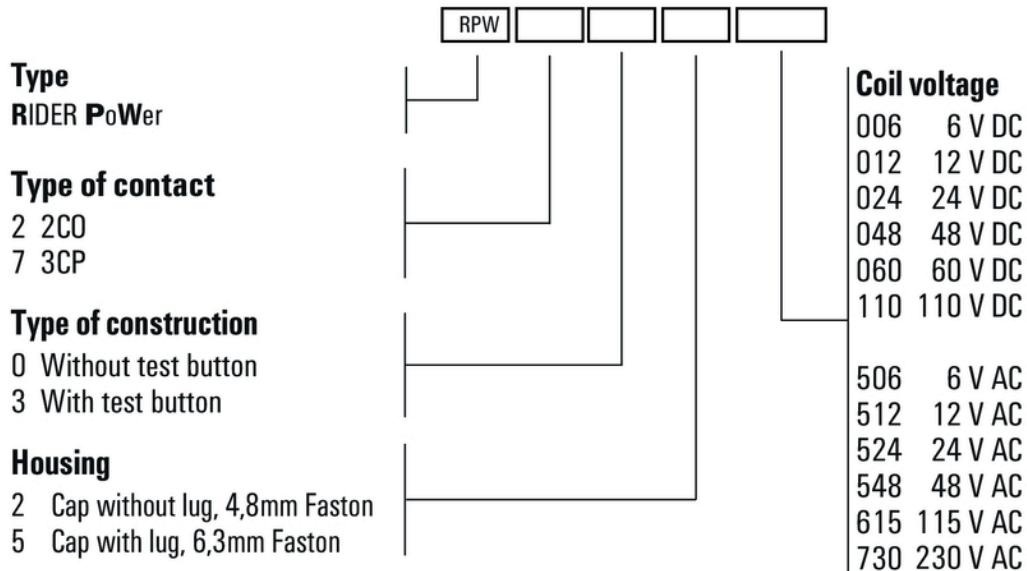
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Drawings

Miscellaneous



Type codes