

RPW702024**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	RIDERSERIES RPW, Relay, Number of contacts: 3, CO contact AgCdO, Rated control voltage: 24 V DC, Continuous current: 16 A, Flat blade connections (4.8 mm x 0.5 mm)
Order No.	8690760000
Type	RPW702024
GTIN (EAN)	4032248361342
Qty.	25 pc(s).
Delivery status	Discontinued
Available until	2018-12-31
Alternative product	1219790000

Creation date March 29, 2021 11:08:33 PM CEST

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Technical data

Dimensions and weights

Depth	48.5 mm	Depth (inches)	1.909 inch
Height	35.5 mm	Height (inches)	1.398 inch
Net weight	91.88 g	Width	38.5 mm
Width (inches)	1.516 inch		

Temperatures

Storage temperature	-40 °C...50 °C	Operating temperature	-45 °C...50 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Rated data UL

Certificate No. (cURus)	E224238
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Control side

Coil resistance	345 $\Omega \pm 10\%$	Power rating	1.6 W
Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC	Rated control voltage	24 V DC
Rated current DC	69.6 mA		

Load side

AC switching capacity (resistive), max.	6000 VA	Continuous current	16 A
DC switching capacity (resistive), max.	384 W @ 24 V	Inrush current	40 A / 20 ms
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	440 V
Min. switching power	100 mA @ 24 V	Rated switching voltage	400 V AC
Switch-off delay	≤ 10 ms	Switch-on delay	≤ 15 ms

Contact data

Contact type	3 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

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.	Dielectric strength, Input/Output	2.5 kV _{eff} / 1 Min.
Impulse withstand voltage	4 kV (1.2/50 μ s)	Insulating material group	IIIa
Pollution severity	2	Protection degree	IP20
Rated voltage	250 V	Surge voltage category	III

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2426937
Certificate No. (VDE)	40013243	Certificate No. (cURus)	E224238

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www.weidmueller.com**Technical data****Connection data**

Wire connection method	Flat blade connections (4.8 mm x 0.5 mm)
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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	ECLASS 11.0	27-37-16-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	E224238

Downloads

Approval/Certificate/Document of Conformity	DE_PA5600_160401_003.pdf
Engineering Data	EPLAN_WSCAD

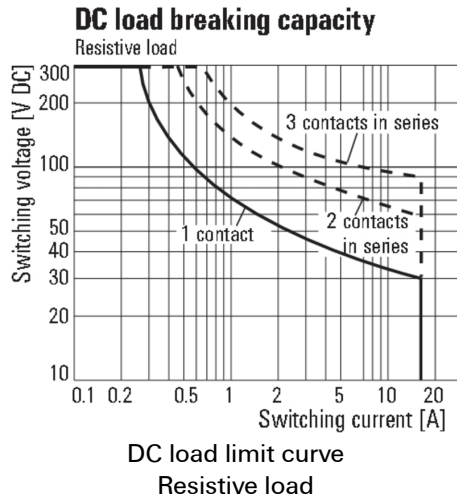
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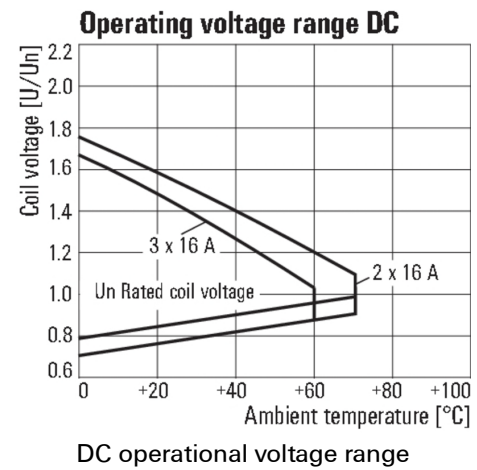
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Drawings

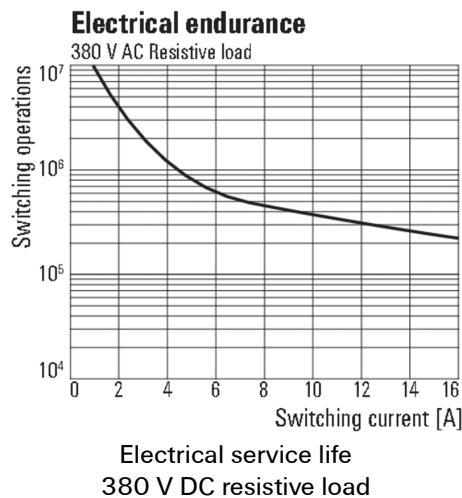
Graph



Graph



Graph



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Drawings
Miscellaneous

	RPW				
Type					
RIDER PoWer					
Type of contact					
2 2CO					
7 3CP					
Type of construction					
0 Without test button					
3 With test button					
Housing					
2 Cap without lug, 4,8mm Faston					
5 Cap with lug, 6,3mm Faston					
					Coil voltage
					006 6 V DC
					012 12 V DC
					024 24 V DC
					048 48 V DC
					060 60 V DC
					110 110 V DC
					506 6 V AC
					512 12 V AC
					524 24 V AC
					548 48 V AC
					615 115 V AC
					730 230 V AC

Type codes