

**RIDERSERIES  
RPW705730**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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Standard relays in the RIDERSERIES RPW.

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

**General ordering data**

Order No.	<a href="#">8690810000</a>
Type	RPW705730
Version	RIDERSERIES, Relais, No. of contacts: 3, CO contact, AgCdO, Rated control voltage: 230 V AC, Continuous current: 16 A, Plug-in connection
GTIN (EAN)	4032248361397
Qty.	25 pc(s).

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**Technical data****Ratings**

Conductor connection system	Plug-in connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Weight	81 g	UL 94 flammability rating	V-0

**Dimensions and weights**

Width	38.5 mm	Height	35.5 mm
Depth	48.5 mm	Weight	81 g
Net weight	94.64 g		

**Temperatures**

Operating temperature	-45 °C...+50 °C	Storage temperature	-40 °C...+50 °C
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**Input**

Rated control voltage	230 V AC	Rated current AC	11.7 mA
Coil resistance	7,500 Ω ±10 %	Power rating	2.8 VA
Response / drop-out voltage AC coil	184 V / 69 V	Status indicator	Mechanical

**Output**

Rated switching voltage	400 VAC	Max. switching voltage, AC	440 V
Continuous current	16 A	making current	40 A / 20 ms
Max. switching power	6000 VA	Response time	15 ms / 10 ms
Min. switching power	24 V / 100 mA	Max. switching frequency at rated load	0.1 Hz

**Contact specifications**

No. of contacts	3	Contact design	CO contact
Contact material	AgCdO	Mechanical service life	20 x 10 <sup>6</sup> switching cycles

**Insulation coordination**

Rated voltage	250 V	Clearance and creepage distances for control side - load side	≥ 4 mm
Dielectric strength for control side - load side	2.5 KV <sub>eff</sub> / 1 min.	Impulse withstand voltage	4 kV (1.2/50 μs)
Protection degree	IP 20	Insulating material group	IIIa

**Other technical data**

Version	With lug, without test button	Status indicator	Mechanical
Free-wheel diode	No		

**Further details of approvals / standards**

Standards	IEC 61810-1, UL508
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**Technical data****Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

**Approvals**

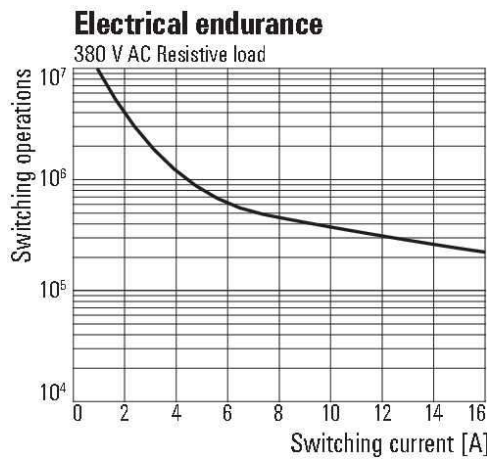
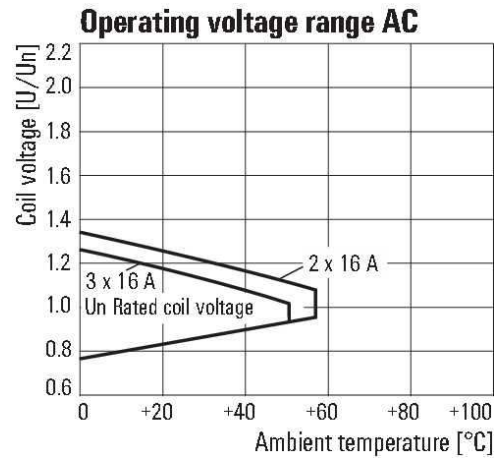
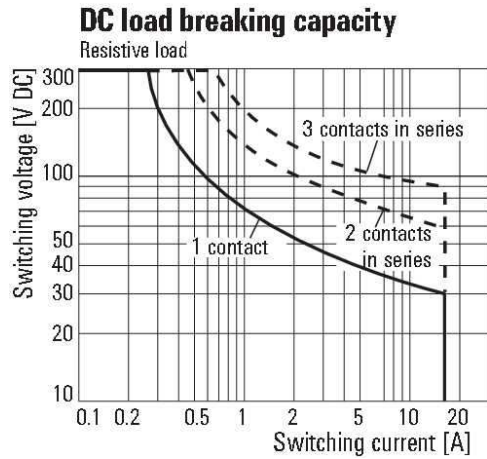
Approvals

**Downloads**Declaration of Conformity [K295\\_12\\_10.pdf](#)

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**Drawings**



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**Drawings**

<b>Type code</b>	RPW				
<b>Typ</b>	RIDER PoWer				
<b>Contacts</b>	2 2 change-over contacts 7 3 change-over contacts				
<b>Type of construction</b>	0 Without test button 3 With test button				
<b>Housing</b>	2 Cap without lug, 4.8 mm Faston 5 Cap with lug, 6.3 mm Faston				
					<b>DC coil</b> 006 6 V DC 012 12 V DC 024 24 V DC 048 48 V DC 060 60 V DC 110 110 V DC <b>AC coil</b> 506 6 V AC 512 12 V AC 524 24 V AC 548 48 V AC 615 115 V AC 730 230 V AC