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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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**RIDERSERIES
RPW205730**

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



Standard relays in the RIDERSERIES RPW.

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

General ordering data

Order No.	8690780000
Type	RPW205730
Version	RIDERSERIES, Relais, No. of contacts: 2, CO contact, AgCdO, Rated control voltage: 230 V AC, Continuous current: 16 A, Plug-in connection
GTIN (EAN)	4032248361366
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	92.72 g		

Temperatures

Operating temperature	-45 °C...+60 °C	Storage temperature	-40 °C...+60 °C
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Input

Rated control voltage	230 V AC	Rated current AC	10.1 mA
Coil resistance	8,300 Ω ±12 %	Power rating	2.3 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	2	Contact design	CO contact
Contact material	AgCdO	Mechanical service life	20 x 10 ⁶ 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 _{eff} / 1 min.	Impulse withstand voltage	5 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

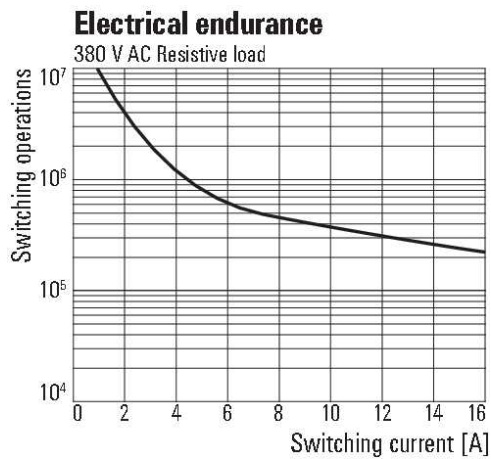
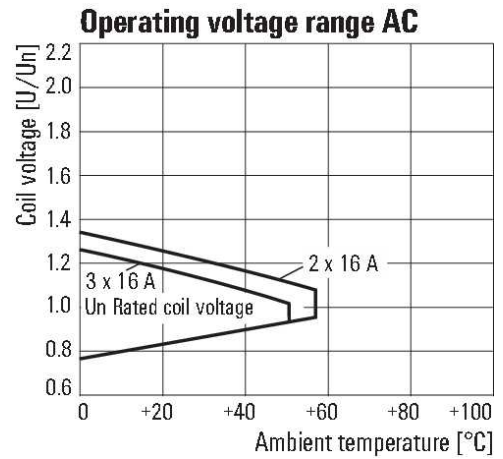
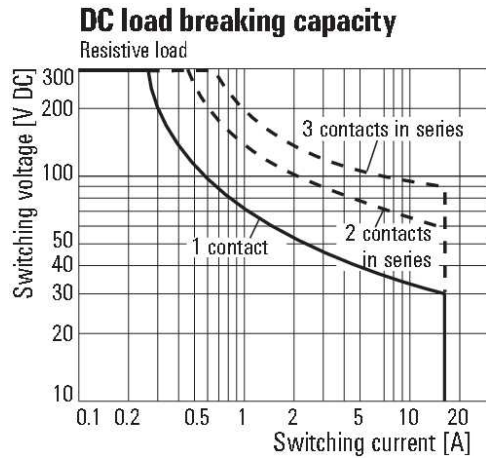
Approvals

**Downloads**Declaration of Conformity [K295_12_10.pdf](#)

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Drawings



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Drawings

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