

Relay couplers - RIDERSERIES

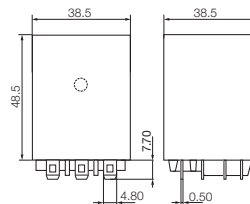
RPW relay

2 CO contact AC/DC coil
3 CO contact AC/DC coil

- 6000 VA switching capacity
- Mechanical indicator
- with and without test button



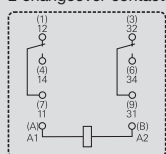
Cap without lug,
 plug-in connections



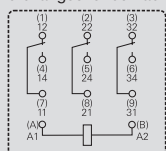
Circuit diagram

View of connections

2 changeover contacts



3 changeover contacts



Output

max. switching voltage AC	400 V
Continuous current	16 A
Contact base material	AgCdO
Mechanical endurance	20x10 ⁶ switching cycles
Response time / Drop-out time	15 ms / 10 ms

Rated data

Status indicator/Free wheel diode	mechanical/no
Operating temperature	-45 °C...+70 °C
UL 94 flammability rating	V-0
Approvals	cURus; CE; VDE;

Insulation coordination (IEC 60664)

Rated voltage	400 V
Creepage and clearance path input - output	≤ 6mm
Overtoltage category	III
Pollution severity	3

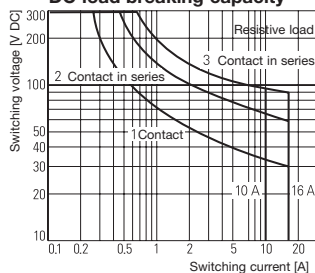
Dimensions

Length x width x height mm 38.5 / 38.5 / 48.5

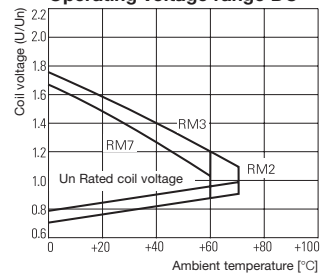
Note

Applications

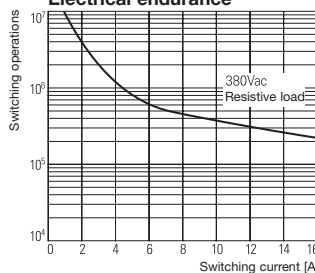
DC load breaking capacity



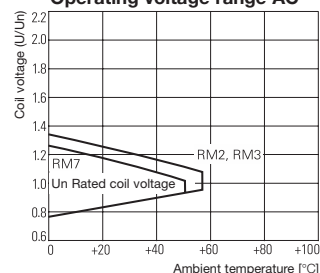
Operating voltage range DC



Electrical endurance



Operating voltage range AC



RPW relay
2 CO contact AC/DC coil
3 CO contact AC/DC coil

Type code

RPW				
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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 ... on request

Housing

- 2 Cap without lug, 4.8 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

Ordering data

Input

	24 V DC 2CO	24 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Rated voltage	24 V DC	24 V AC	115 V AC	230 V AC
DC Response/dropout Volt	18 V / 2.4 V	19.2 V / 9.6 V	92 V / 46 V	184 V / 92 V
Power rating	1,2 W	2,3 VA	2,3 VA	2,3 VA
Rated current DC	50.5 mA	94.2 mA	20,6 mA	10.1 mA
Coil resistance	475 Ω ±10%	86 Ω ±10%	2000 Ω ±10%	8300 Ω ±12%

Ordering data
Relay

	24 V DC 2CO	24 V AC 2CO	115 V AC 2CO	230 V AC 2CO
ohne Prüftaste Type	RPW202024	RPW202524	RPW202615	RPW202730
AgCdO Order No.	8690730000	on request	on request	8690720000
Type Order No.				
Type Order No.				

Note

Ordering data

Input

	24 V DC 3CO	24 V AC 3CO	115 V AC 3CO	230 V AC 3CO
Rated voltage	24 V DC	24 V AC	115 V AC	230 V AC
DC Response/dropout Volt	18 V / 2.4 V	19.2 V / 9.6 V	92 V / 46 V	184 V / 92 V
Power rating	1,6 W	2,8 VA	2,8 VA	2,8 VA
Rated current DC	69.6 mA	109.2 mA	23 mA	11.7 mA
Coil resistance	345 Ω ±10%	80 Ω ±10%	1850 Ω ±10%	7500 Ω ±10%

Ordering data
Relay

	24 V DC 3CO	24 V AC 3CO	115 V AC 3CO	230 V AC 3CO
ohne Prüftaste Type	RPW702024	RPW702524	RPW702615	RPW702730
AgCdO Order No.	8690760000	8690740000	on request	8690750000
Type Order No.				
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Note