

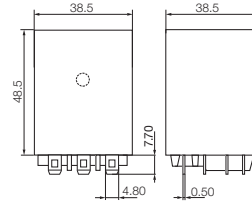
# Relay couplers - RIDERSERIES

## 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



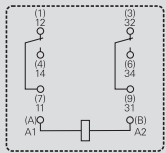
Cap without lug,  
plug-in connections



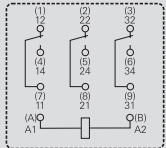
### Circuit diagram

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 <sup>6</sup> 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     |

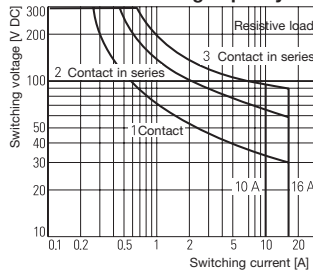
### Dimensions

|                         |    |                    |
|-------------------------|----|--------------------|
| Length x width x height | mm | 38.5 / 38.5 / 48.5 |
|-------------------------|----|--------------------|

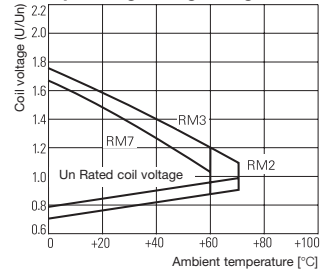
### Note

## Applications

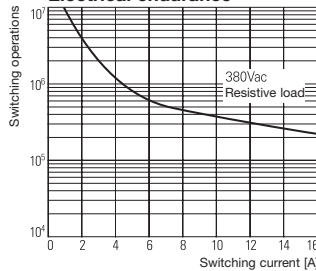
### DC load breaking capacity



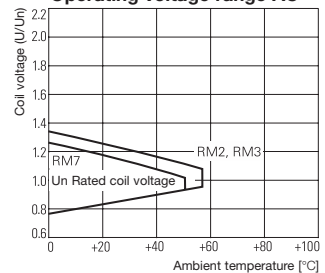
### Operating voltage range DC



### Electrical endurance



### Operating voltage range AC



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

Type code

|     |  |  |  |  |
|-----|--|--|--|--|
| RPW |  |  |  |  |
|-----|--|--|--|--|

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.     | <b>8690730000</b> | <b>on request</b> | <b>on request</b> | <b>8690720000</b> |
| 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.     | <b>8690760000</b> | <b>8690740000</b> | <b>on request</b> | <b>8690750000</b> |
| Type Order No.      |                   |                   |                   |                   |
| Type Order No.      |                   |                   |                   |                   |

Note