

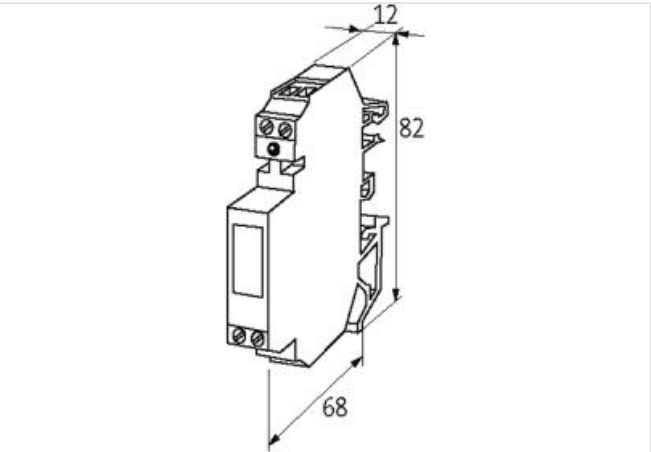
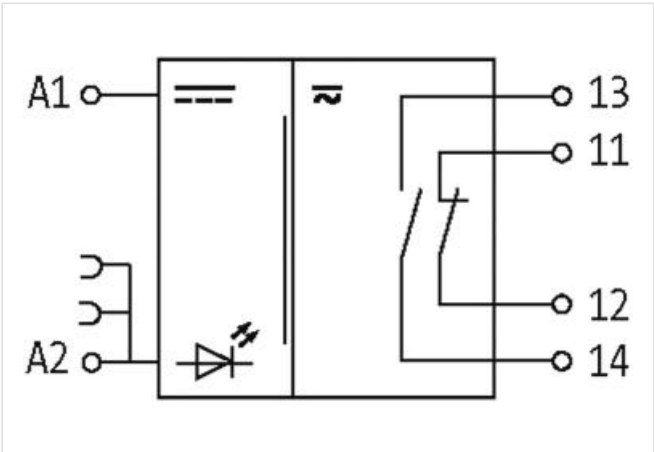
**RMMD 1S+1V24VDC INPUT RELAY**

IN: 24 VDC - OUT: 250 VAC/DC / 3 A

1 relay; 1 NO contact/1 NC contact  
3 A  
24 V DC  
Screw terminals

[Link to Product](#)

Illustration



Product may differ from Image



General product information

Scope of delivery Jumper (Art-No. 90960)

Commercial data

|            |          |
|------------|----------|
| ECLASS-6.0 | 27371601 |
| ECLASS-6.1 | 27371601 |
| ECLASS-7.0 | 27371601 |

|                       |               |
|-----------------------|---------------|
| ECLASS-8.0            | 27371601      |
| ECLASS-9.0            | 27371601      |
| ECLASS-10.1           | 27371601      |
| ECLASS-11.1           | 27371601      |
| ECLASS-12.0           | 27371601      |
| ETIM-5.0              | EC001437      |
| customs tariff number | 85364900      |
| GTIN                  | 4048879024846 |
| Packaging unit        | 1             |

#### Electrical data | Input

|                       |        |
|-----------------------|--------|
| Input voltage DC      | 24 V   |
| Input voltage DC min. | 17,5 V |
| Input voltage DC max. | 30 V   |
| Input current         | 14 mA  |

#### Electrical data | Output

|                                               |                                 |
|-----------------------------------------------|---------------------------------|
| Utilization category DC-13 (EN IEC 60947-5-1) | 0,8 A @ 24 V, 0,01 A @ 230 V    |
| Switching frequency max.                      | 10 Hz                           |
| Power rating AC max.                          | 500 VA                          |
| Power rating DC max.                          | 180 W                           |
| Switching voltage AC max.                     | 250 V                           |
| Switching voltage DC max.                     | 250 V                           |
| Switching current DC                          | 1 mA                            |
| Switching current max.                        | 3 A                             |
| Switching capacity AC-12 (EN IEC 60947-5-1)   | 3 A (24 V AC); 2 A (230 V AC)   |
| Switching capacity AC-15 (EN IEC 60947-5-1)   | 1 A (24 V AC); 0.1 A (230 V AC) |

#### Diagnostics

|                       |     |
|-----------------------|-----|
| Status indication LED | red |
|-----------------------|-----|

#### Device protection

|                    |                |
|--------------------|----------------|
| Condition lifetime | load-dependent |
|--------------------|----------------|

#### Device protection | Electrical

|                     |                 |
|---------------------|-----------------|
| Rated surge voltage | 2,5 kV          |
| Electrical lifetime | 20000000 Cycles |

#### Device protection | Mechanical

|                      |                 |
|----------------------|-----------------|
| Mechanical endurance | 20000000 Cycles |
|----------------------|-----------------|

#### Mechanical data

|                    |      |
|--------------------|------|
| Drop-out time max. | 3 ms |
| Response time max. | 6 ms |
| Bounce time max.   | 2 ms |

#### Mechanical data | Material data

|                  |               |
|------------------|---------------|
| Material contact | Ag Ni 0.15 hv |
|------------------|---------------|

#### Mechanical data | Mounting data

|                            |                                     |
|----------------------------|-------------------------------------|
| Mounting method            | geschnappt                          |
| Suitable for mounting type | Mounting rail TH35, G32, (EN 60715) |
| Height                     | 82 mm                               |
| Width                      | 12 mm                               |
| Depth                      | 68 mm                               |

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 60 °C  |

#### Connection type 3

|                          |                    |
|--------------------------|--------------------|
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 2                  |
| PIN 1                    | 11                 |
| PIN 2                    | 13                 |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 2                  |
| PIN 1                    | 12                 |
| PIN 2                    | 14                 |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 2                  |
| PIN 1                    | + A 1              |
| PIN 2                    | - A 2              |