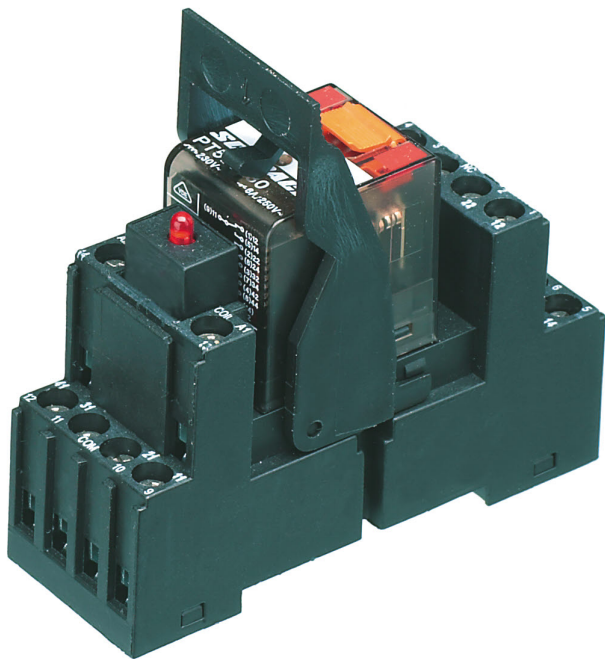


# Data sheet

## 15168.2 PRSU 4/24V AC



Pre-assembled relay module PRS..., Screw connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 4 CO contacts, Input voltage: 24 VAC

### Business data

|                                            |                 |
|--------------------------------------------|-----------------|
| Article number                             | 15168.2         |
| Article name                               | PRSU 4/24V AC   |
| GTIN (EAN)                                 | 4044211080877   |
| Packaging unit                             | 10              |
| Quantity unit                              | PC              |
| Weight per piece (not including packaging) | 89.4 g          |
| Weight per piece (including packaging)     | 99.25 g         |
| Unit of weight                             | G               |
| Customs number                             | 85364900        |
| Country of origin                          | DE              |
| Product description                        | Complete module |

### Technical data

#### Dimensions

|                            |         |
|----------------------------|---------|
| Length                     | 76 mm   |
| Width                      | 27.1 mm |
| Height TS 35 / 7.5 with BA | 85 mm   |

#### Ratings

|                      |          |
|----------------------|----------|
| Rated voltage Un     | 24 VAC - |
| Overvoltage category | III      |
| Contamination degree | 3        |

#### Connection data

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Connection principle                                     | Screw connection    |
| Wire cross-section single core (rigid), min.             | 0.2 mm <sup>2</sup> |
| Wire cross-section single-core (rigid), max.             | 2.5 mm <sup>2</sup> |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 2.5 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 1.5 mm <sup>2</sup> |
| Stripping length                                         | 8 mm                |
| Torque                                                   | 0.8 Nm              |

#### Input data

|                   |             |
|-------------------|-------------|
| Drop-out voltage  | 7,2 VAC     |
| Operating range   | ab 19,2 VAC |
| Power consumption | 1 W         |

#### Output data

|                                               |                     |
|-----------------------------------------------|---------------------|
| Switching voltage / switching voltage max.    | 240 / 240 VAC       |
| Continuous current max. / Inrush current max. | 6 / 12 A            |
| Contact configuration                         | 4 CO contacts       |
| Switching capacity, max.                      | 1500 VA             |
| Electrical lifespan (AC1)                     | 1,5x10 <sup>5</sup> |
| Mechanical lifespan                           | 20x10 <sup>6</sup>  |
| Contact load, min.                            | 120 mW              |
| Bounce time at close of the NO/NC contact     | 6/8 ms              |

### Technical data

#### Materials

|                           |            |
|---------------------------|------------|
| Contact material          | AgNi 90/10 |
| Flammability class UL 94  | V-0        |
| Working temperature, min. | -25 °C     |
| Working temperature, max. | 70 °C      |

#### Further technical data

|                                    |                  |
|------------------------------------|------------------|
| Degree of protection               | IP20             |
| Status display                     | ✓                |
| Insulation voltage coil/contact    | 2,5 kV           |
| Response/release time              | 15 / 10 ms       |
| Insulation voltage contact/contact | 1,2 kV           |
| Test button                        | ✓                |
| Vibration resistance NO/NC         | 7/4 g            |
| Pinning                            | 2.8 (fast-on) mm |

#### Environmental Product Compliance

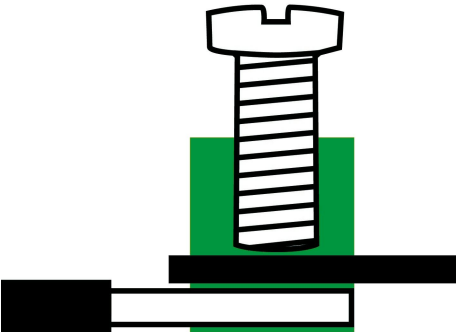
|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2023-06-14 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

Approvals

Standards and regulations

|              |     |
|--------------|-----|
| CE compliant | yes |
|--------------|-----|

Media



## Accessories

### Cross-connector



External cross-connector insulated, for relay socket base PRS 4/6-pole, can be shortened, Voltage: 250 V, Current: 10 A

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>15778.2</u> | AQI/PRS/6 BK | 4044211133993 | 20 ST          |

### Screwdriver



Screwdriver with bare blade, Colour: Black-grey

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1086.0</u>  | SDB 0,6x3,5  | 4044211014797 | 1 ST           |

### Relays



Plug-in industrial relays with power contacts, 4 CO contacts, Test button, Mechanical switching position indicator, Input voltage: 24 VAC

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>6488.2</u>  | PRS 4/24V AC | 4044211074265 | 1 ST           |

### Holding clamp



Relay holding clip, With eject, Suitable for relay socket base PRS 4, for industrial relays

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>15140.2</u> | PRS C4       | 4044211046224 | 1 ST           |

### Insert modules

# Data sheet

## 15168.2 PRSU 4/24V AC



Insertion module, Suitable for relay socket base PRS, LED red status display

| Article number | Article name       | GTIN (EAN)    | Packaging unit |
|----------------|--------------------|---------------|----------------|
| <u>15175.2</u> | PRS LED(RD) 24V UC | 4044211046521 | 1 ST           |