

Pre-assembled relay module PRS..., Screw connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 1 CO contact, Input voltage: 115 VAC

Business data

| | |
|--|-----------------|
| Article number | <u>15418.2</u> |
| Article name | PRSU 1/115V AC |
| GTIN (EAN) | 4044211080754 |
| Packaging unit | 1 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 50.6 g |
| Weight per piece (including packaging) | 55.6 g |
| Unit of weight | G |
| Customs number | 85364900 |
| Country of origin | DE |
| Product description | Complete module |

Technical data

Dimensions

| | |
|----------------------------|---------|
| Length | 76 mm |
| Width | 15.7 mm |
| Height TS 35 / 7.5 with BA | 71 mm |

Ratings

| | |
|----------------------|-----------|
| Rated voltage Un | 115 VAC - |
| Overvoltage category | III |
| Contamination degree | 3 |

Connection data

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

Input data

| | |
|-------------------|-------------|
| Drop-out voltage | 17,3 VAC |
| Operating range | ab 86,3 VAC |
| Power consumption | 0,75 W |

Output data

| | |
|---|---------------------|
| Switching voltage / switching voltage max. | 250 / 400 VAC |
| Continuous current max. / Inrush current max. | 12 / 25 A |
| Contact configuration | 1 CO contact |
| Switching capacity, max. | 3000 VA |
| Electrical lifespan (AC1) | 1,2x10 ⁵ |
| Mechanical lifespan | 10x10 ⁶ |
| 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 | 5 kV |
| Response/release time | 7 / 3 ms |
| Insulation voltage contact/contact | 1 kV |
| Vibration resistance NO/NC | 20/5 g |
| Pinning | 3.5 mm |

Environmental Product Compliance

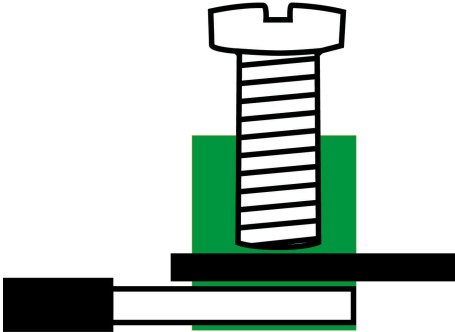
| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2024-01-23 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

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

Media



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Accessories

Cross-connector



External cross-connector insulated, for relay socket base PRS 1 and PRS 2/6-pole, can be shortened, Voltage: 250 V, Current 10 A

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>15779.2</u> | AQI/PRS/8 BK | 4044211134006 | 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 miniature power relay, Encapsulated design with power contact, 1 CO contact, Input voltage: 115 VAC

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>15228.2</u> | PRS 1/115V AC | 4044211046705 | 1 ST |

Holding clamp



Relay holding clip, With eject, Suitable for relay socket base PRS 1 and PRS 2, for miniature power relays

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>15138.2</u> | PRS C1/2 | 4044211046217 | 1 ST |

Insert modules

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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------------|---------------|----------------|
| <u>15142.2</u> | PRS LED(RD) 230V AC | 4044211046255 | 1 ST |