



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

Business data

| | |
|--|------------------|
| Article number | <u>16127.2</u> |
| Article name | PRSU 4/24V DC Au |
| GTIN (EAN) | 4044211178215 |
| Packaging unit | 5 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 88.6 g |
| Weight per piece (including packaging) | 98.41 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 VDC - |
| 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 | 2,4 VDC |
| Operating range | ab 18,0 VDC |
| Power consumption | 0,75 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 ⁵ |
| Mechanical lifespan | 30x10 ⁶ |
| Contact load, min. | 20 mW |
| Bounce time at close of the NO/NC contact | 6/8 ms |

Technical data

Materials

| | |
|---------------------------|-----------------|
| Contact material | AgNi 90/10 + Au |
| 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 |
| Free-wheel diode | ✓ |
| Response/release time | 10 / 18 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 | 2024-01-23 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Data sheet

16127.2 PRSU 4/24V DC Au



Approvals

Standards and regulations

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

Media



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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 multi-layer gold contact, 4 CO contacts, Test button, Mechanical switching position indicator, Polarity A1+, A2-, Input voltage: 24 VDC

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>16126.2</u> | PRS 4/24V DC Au | 4044211178208 | 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

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Insertion module, Suitable for relay socket base PRS, LED red status display, With free-wheel diode

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------------|---------------|----------------|
| <u>15141.2</u> | PRS LED(RD) 24V DC | 4044211046231 | 1 ST |