



Plug-in miniature power relay, Encapsulated design with power contact, 1 CO contact, Input voltage: 5 VDC

Business data

| | |
|--|----------------------------------|
| Article number | 16076.2 |
| Article name | PRS 1/5V DC |
| GTIN (EAN) | 4044211171179 |
| Packaging unit | 1 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 13.8 g |
| Weight per piece (including packaging) | 15.4 g |
| Unit of weight | G |
| Customs number | 85364110 |
| Country of origin | AT |
| Product description | Relay, encapsulated construction |

Technical data

Dimensions

| | |
|--------|---------|
| Length | 29 mm |
| Width | 12.7 mm |
| Height | 15.7 mm |

Ratings

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|----------------------|-----|
| Overvoltage category | III |
| Contamination degree | 3 |

Input data

| | |
|-------------------|------------|
| Working voltage | >3,5 VDC - |
| Drop-out voltage | 0,5 VDC |
| Coil voltage | 5 VDC - |
| Power consumption | 0,4 W |
| Coil resistance | 62 Ohm |

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) | 60x10 ³ |
| Mechanical lifespan | 10x10 ⁷ |

Materials

| | |
|---------------------------|------------|
| Contact material | AgNi 90/10 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 85 °C |

Further technical data

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|------------------------------------|----------|
| Degree of protection | RTII |
| Insulation voltage coil/contact | 5 kV |
| Response/release time | 8 / 6 ms |
| Insulation voltage contact/contact | 1 kV |
| Vibration resistance NO/NC | 20/5 g |
| Pinning | 3.5 mm |

Technical data

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2023-01-17 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

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

Media

Accessories

##INVERSE##CONTA-ELECTRONICS



Relay socket base PRS, for miniature power relay with 1 CO contact, Tension-spring connection, Plug-in option for input/suppression modules, Mounting type: Mounting rail TS 35

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>15780.2</u> | PRS 1 Z | 4044211135249 | 1 ST |



Relay socket base PRS, for miniature power relay with 1 CO contact, Screw connection, Plug-in option for input/suppression modules, Mounting type: Mounting rail TS 35

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>15135.2</u> | PRS 1 | 4044211046187 | 1 ST |



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: 5 VDC

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>16077.2</u> | PRSU 1/5V DC | 4044211171162 | 1 ST |