



Plug-in miniature power relay, Encapsulated design with power contact, 1 CO contact, Input voltage: 24 VDC

### Business data

Article number	<u>6804.0</u>
Article name	PRS 1/24V DC
GTIN (EAN)	4044211076009
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	12.9 g
Weight per piece (including packaging)	14.72 g
Unit of weight	G
Customs number	85364900
Country of origin	AT
Product description	Relay, encapsulated construction

### Technical data

#### Dimensions

Length	29 mm
Width	12.7 mm
Height	15.7 mm

#### Ratings

Overvoltage category	III
Contamination degree	3

#### Input data

Working voltage	>16,8 VDC -
Drop-out voltage	2,4 VDC
Coil voltage	24 VDC -
Power consumption	0,4 W
Coil resistance	1440 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
Mechanical lifespan	30x10 <sup>6</sup>
Bounce time at close of the NO/NC contact	4/6 ms

#### Materials

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

#### Further technical data

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

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### Technical data

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#### Environmental Product Compliance

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

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# Data sheet

6804.0 PRS 1/24V DC



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## Approvals

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### Standards and regulations

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CE compliant	yes
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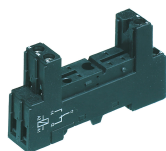
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### Media

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### Accessories

#### ##INVERSE##CONTA-ELECTRONICS



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



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..., Tension-spring connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 1 CO contact, Input voltage: 24 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
<u>15782.2</u>	PRSU 1Z/24V DC	4044211135270	1 ST



Pre-assembled relay module PRS..., Tension-spring connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 1 CO contact, Input voltage: 24 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
<u>15782.2</u>	PRSU 1Z/24V DC	4044211135270	1 ST