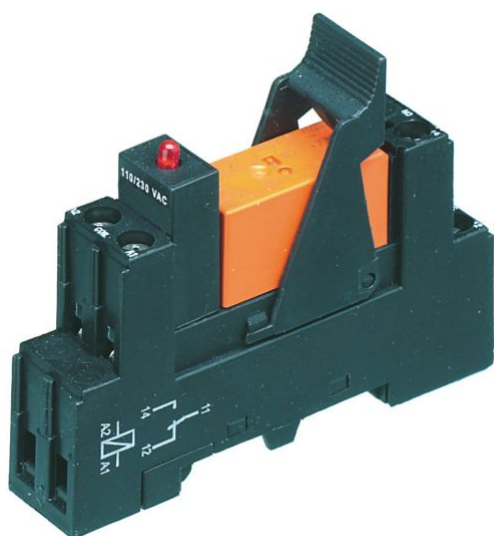


15163.2

PRSU 1/12V DC

PRSU 1/12V DC



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: 12 VDC

## Business data

Product description	Complete module
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	50.5
Weight per piece (including packaging)	56.45
Unit of weight	G
Customs number	85364900
Country of origin	QU

**15163.2**

**PRSU 1/12V DC**

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## Technical Data

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### Dimensions

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

### Ratings

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Rated voltage Un	12 VDC
Overvoltage category	III
Contamination degree	3

### Connection data

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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

**15163.2**

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## Technical Data

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### Connection data

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Torque	0.8 Nm
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### Input data

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Drop-out voltage	1,2 VDC
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Operating range	ab 8,4 VDC
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Power consumption	0,4 W
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### Output data

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Switching voltage / switching voltage max.	250 / 400 VAC
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Continuous current max. / Inrush current max.	12 / 25 A
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Contact material	AgNi 90/10
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Contact configuration	1 CO contact
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Switching capacity, max.	3000 VA
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Electrical lifespan (AC1)	1,2x10 <sup>3</sup>
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Mechanical lifespan	30x10 <sup>4</sup>
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Bounce time at close of the NO/NC contact	6/8 ms
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**15163.2**

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## Technical Data

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### Materials

Flammability class UL 94	V-0
Working temperature, min.	-25 °C
Working temperature, max.	70 °C

### Further technical data

Protection	IP20
Status display	✓
Insulation voltage coil/contact	5 kV
Free-wheel diode	✓
Response/release time	8 / 6 ms
Insulation voltage contact/contact	1 kV
Vibration resistance NO/NC	20/5 g
Pinning	3,5 mm

15163.2

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## Approvals

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### Standards and regulations

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CE compliant

✓

15163.2

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Media

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