



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: 24 VAC

Business data

Article number	<u>15164.2</u>
Article name	PRSU 1/24V AC
GTIN (EAN)	4044211046439
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	50.7 g
Weight per piece (including packaging)	56.87 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	24 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
Stripping length	8 mm
Torque	0.8 Nm

Input data

Drop-out voltage	3,6 VAC
Operating range	ab 18 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 ³
Mechanical lifespan	10x10 ⁶
Bounce time at close of the NO/NC contact	6/8 ms

Materials

Contact material	AgNi 90/10
Flammability class UL 94	V-0
Working temperature, min.	-25 °C
Working temperature, max.	70 °C

Technical data

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

Data sheet

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Approvals

Standards and regulations

CE compliant	yes
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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: 24 VAC

Article number	Article name	GTIN (EAN)	Packaging unit
<u>6480.2</u>	PRS 1/24V AC	4044211074197	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>15175.2</u>	PRS LED(RD) 24V UC	4044211046521	1 ST