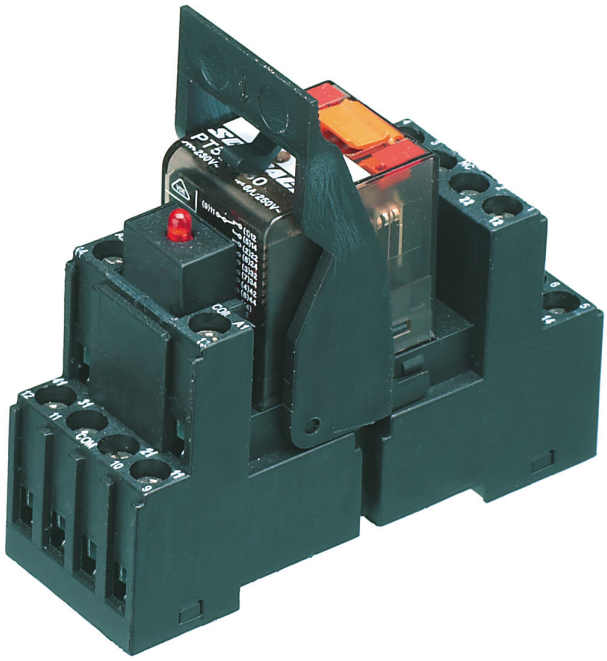
Data sheet

15173.2 PRSU 4/24V DC



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

Business data

Article number	15173.2
Article name	PRSU 4/24V DC
GTIN (EAN)	4044211046507
Packaging unit	10
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

Data sheet

15173.2 PRSU 4/24V DC

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 mm²
Wire cross-section single-core (rigid), max.	2.5 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	2.5 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	1.5 mm²
Stripping length	8 mm
Torque	0.8 Nm
Input data	
Drop-out voltage	2,4 VDC
Operating range	ab 18 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.	120 mW
Bounce time at close of the NO/NC contact	6/8 ms

Data sheet

15173.2 PRSU 4/24V DC

Technical data

Materials

Contact material	AgNi 90/10
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	15 / 10 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	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Data sheet

15173.2 PRSU 4/24V DC

Approvals

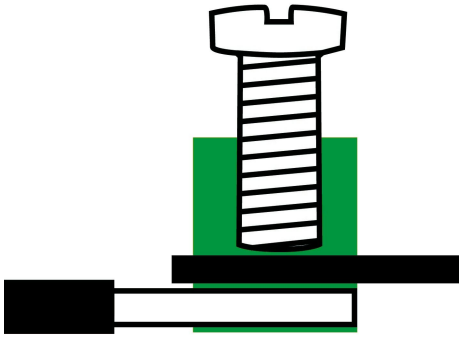
Standards and regulations

CE compliant	yes

Data sheet

15173.2 PRSU 4/24V DC

Media



Data sheet

15173.2 PRSU 4/24V DC

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
15778.2	AQI/PRS/6 BK	4044211133993	20 ST

Screwdriver

Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 ST

Relays

Plug-in industrial relays with power contacts, 4 CO contacts, Test button, Mechanical switching position indicator, Polarity A1+, A2-, Input voltage: 24 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
6487.2	PRS 4/24V DC	4044211074258	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
15140.2	PRS C4	4044211046224	1 ST

Insert modules

Data sheet

15173.2 PRSU 4/24V DC

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

Article number	Article name	GTIN (EAN)	Packaging unit
15141.2	PRS LED(RD) 24V DC	4044211046231	1 ST