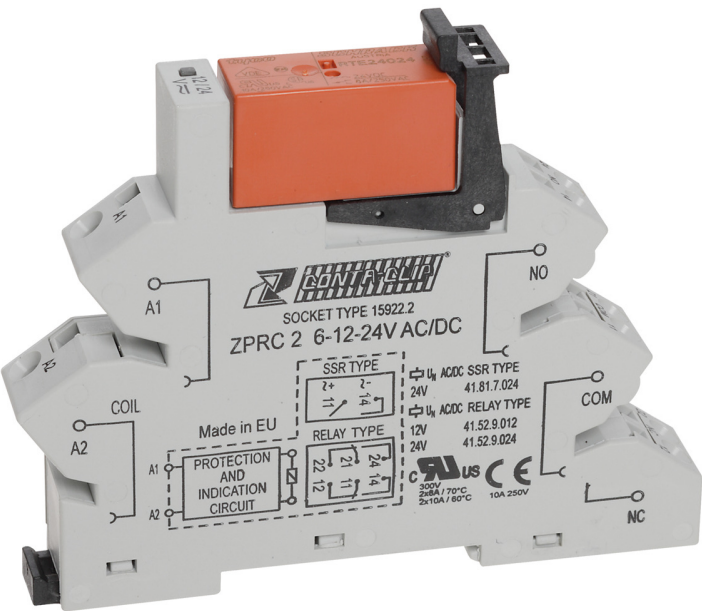


Data sheet

16059.2 ZPRCU 1L/24V AC/DC



Plug-Relay-Compact (PRC) Complete, Consisting of base PRC... with tension-spring connection and pluggable miniature relay PRS... with inrush power contact, Mounting type: Mounting rail TS 35, 1 CO contact, Input voltage: 24 VAC/DC

Business data

Article number	16059.2
Article name	ZPRCU 1L/24V AC/DC
GTIN (EAN)	4044211149673
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	62.2 g
Weight per piece (including packaging)	64 g
Unit of weight	G
Customs number	85364900
Country of origin	DE
Product description	Complete module

Technical data

Dimensions

Length	93 mm
Width	14 mm
Height TS 35 / 7.5 with BA	82 mm

Ratings

Rated voltage Un	24 VAC/DC -
Overvoltage category	III
Contamination degree	3

Connection data

Connection principle	Tension-spring 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	10 mm

Input data

Holding current	0,6 Un AC/DC -
Drop-out voltage	0,1 / 0,05 Un AC/DC
Operating range	0,8-1,1 Un AC/DC
Power consumption	0,4 W

Output data

Switching voltage / switching voltage max.	240 / 400 VAC
Continuous current max. / Inrush current max.	16 / 80 (max. 20 ms) A
Contact configuration	1 CO contact
Switching capacity, max.	4000 VA
Electrical lifespan (AC1)	1x10 ⁵
Mechanical lifespan	30x10 ⁶
Contact load, min.	500 mW
Bounce time at close of the NO/NC contact	6/8 ms

Materials

Contact material	AgSnO2
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	70 °C

Data sheet

16059.2 ZPRCU 1L/24V AC/DC



Technical data

Further technical data

Degree of protection	IP20
Status display	✓
Insulation voltage coil/contact	5 kV
Response/release time	8 / 6 ms
Insulation voltage contact/contact	1 kV
Vibration resistance NO/NC	10/5 g

Environmental Product Compliance

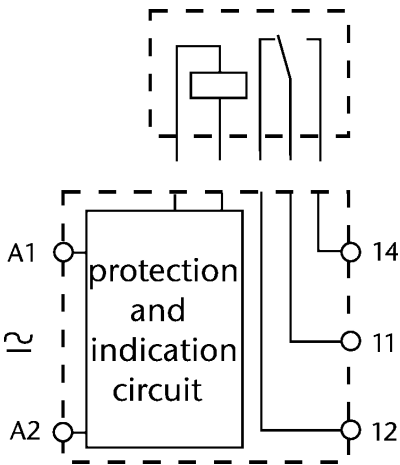
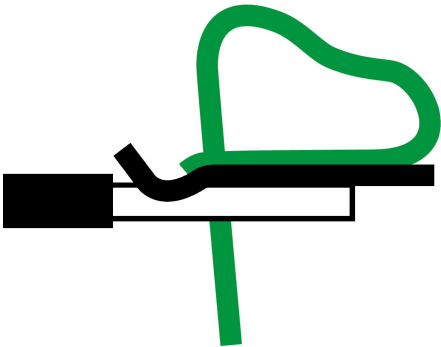
REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

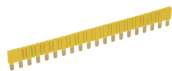
CE compliant	yes
cUL approval	CSA-C22.2 No. 14
UL approval	UL 508
UL Recognized	1
cUL Recognized	1

Media



Accessories

Cross-connector



External cross-connector insulated for Plug-Relay-Compact (PRC 2), 8-pole, can be shortened, Voltage: 250 V, Current: 10 A

Article number	Article name	GTIN (EAN)	Packaging unit
<u>15930.8</u>	AQI/PRC/8 YE	4044211137397	10

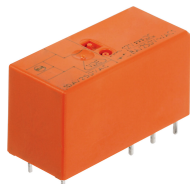
Screwdriver



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 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
<u>6940.0</u>	PRS 1L/24V DC	4044211076658	1 ST

Partition plate



Partition plate for Plug-Relay-Compact (PRC) for separating relay blocks, width: 1.5 mm

Article number	Article name	GTIN (EAN)	Packaging unit
<u>15546.2</u>	TW/PRC GR	4044211118457	1 ST