

Relay module, Screw connection, 1 CO contact, power relay, Soldered, Input voltage: 48 VDC

Business data

Article number	5802.2
Article name	RML/1W/48V DC
GTIN (EAN)	4044211069865
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	53 g
Weight per piece (including packaging)	65.6 g
Unit of weight	G
Customs number	85364900
Country of origin	NL
Product description	Relay module

Technical data

Dimensions

Length	87 mm
Width	24 mm
Height	68 mm

Ratings

Overvoltage category	III
Contamination degree	2

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.08 mm ²
Wire cross-section single-core (rigid), max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Stripping length	7 mm
Torque	0.6 Nm

Input data

Input voltage	48 VDC
Number of channels	1
Power consumption	0.5 W
reverse-polarity protection diode	1

Output data

Switching voltage / switching voltage max.	250 / 250 VAC
Continuous current max. / Inrush current max.	16 / 25 A
Contact configuration	1 CO contact
Switching capacity, max.	4000 VA
Electrical lifespan (AC1)	2x10 ⁵
Mechanical lifespan	10x10 ⁶

Materials

Contact material	AgNi 90/10
Working temperature, min.	-20 °C
Working temperature, max.	55 °C

Technical data

Further technical data

Protection class	IP20
Insulation voltage coil/contact	4 kV
Status display red	✓
Free-wheel diode	✓
Response/release time	9 / 7 ms

Environmental Product Compliance

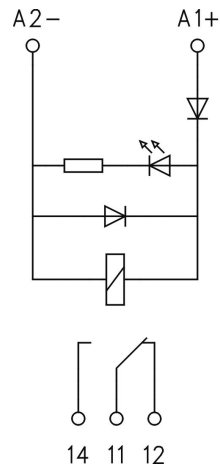
REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

CE compliant	yes
Standards / specifications	DIN VDE 0110 / EN 50178

Media



Accessories
