

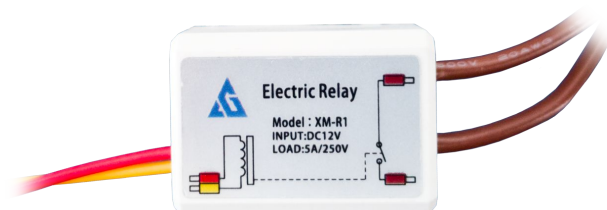
XM-R1 Series

Miniature relay for heating mat 12V/230V



■ Features:

- Low coil power consumption
- Enclosed type design
- 15A current switching capacity



ELECTRICAL SPECIFICATION

MODEL	XM-R1
INPUT	
COIL OPERATING VOLTAGE (MIN.)	12V DC
COIL VOLTAGE (MIN. / MAX.)	9V DC (at 23 ± 5°C) / 15.6V DC (130% of rated voltage)
RATED COIL CURRENT AND POWER	30mA DC ± 10% (at 23 ± 5°C) / 360mW

OUTPUT	
CONTACT RATING (NOM. / MAX.)	10A 250V AC / 15A 125V AC (resistive load)
OPERATE AND RELEASE TIME (MAX.)	15ms / 10ms
CONTACT CONFIGURATION	Single-pole NO contact (1 from a)
CONTACT RESISTANCE (MAX.)	100mΩ (at 6V DC / 1A)

OTHER	
INSULATION RESISTANCE (MIN.)	1000MΩ (at 500V DC)
DIELECTRIC STRENGTH (BETWEEN OPEN CONTACT)	750V AC, 50/60Hz (1 minute)
DIELECTRIC STRENGTH (BETWEEN CONTACTS AND COIL)	1500V AC, 50/60Hz (1 minute)

WORKING ENVIRONMENT	
OPERATING TEMPERATURE	+5 ± +50°C
STORAGE TEMPERATURE	-40 ± +85°C
STORAGE HUMIDITY	25 ± 85 %

SAFETY STANDARDS	
SAFETY STANDARDS	Compliance to EN61810-1:2008

OTHER	
WIRES	Wire out: 13AWG, length = 190mm Input wire: 10AWG, length = 190mm
DIMENSIONS	30.3 x 22 x 18 cm (L x W x H)
NET WEIGHT	75g

EAN CODE



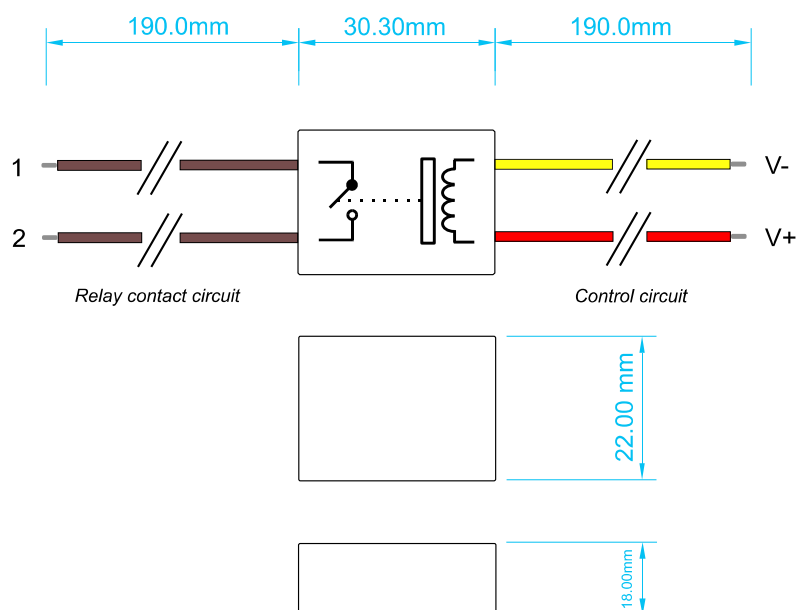
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MECHANICAL SPECIFICATION



SAMPLE WIRING DIAGRAM

