Overview

Product information



Single relay-DRPT-1C-LR-D24-02A(H)-30010000118

Small size, high current, 1 PDT, with LED, with test button, rated coil voltage: 24VDC, switching current: 12A

Product advantages

☑ Safe isolation between coil and contacts
☑ 12A maximum switching current
☑ Test button for easy maintanance

Product certification

Technical data

Product drawing

3D model

Overview

Test voltage relay coil/relay contact	5000VAC/1min
Test voltage PDT/PDT	1000VAC/1min
Operation mode	100% work factor
Installation location	Arbitrary

Dimension

width	13mm
high	34mm
length	29mm

Environmental data

Ambient temperature (operating)	-40 °C ... +85 °C
Ambient temperature (storage/transport)	-40 °C ... +85 °C
environment humidity	45%~85%RH

Coil side

Indicator light	green
Rated input voltage UN	24VDC
Typical input current under UN	22mA
Coil resistance	1087Ω
Operating voltage	≤80%
Reset voltage	≥30%
Maximum allowable voltage	1.1
Power consumption under rated conditions	0.53W

Switch part (contact part)

Contact voltage maximum	277VAC/30VDC
Contact current maximum	12A
Contact composition	1C
Contact mechanism	single
Contact material	Ag alloy
Contact resistance	≤100mΩ
Action time	<20ms
Reset time	<10ms
Maximum switching frequency (mechanical)	18000 times/h
Maximum switching frequency (rated load)	1800 times/h
Insulation resistance	≥100MΩ
Withstand voltage (between coil and contact)	5000VAC/1min

Withstand voltage (between contacts of the same pole)	1000VAC/1min
Shock proof	10G
Vibration resistant	10-55Hz
Electrical life	>1×105
Mechanical life	>1×107

Standards/Regulations

Standards/Regulations	IEC 61810-1 IEC 60664
insulation	Basic isolation
Pollution level	3
Overvoltage category	III

Accessories

Business data

Order number	30010000118
Packing unit	20 STK
Minimum order quantity	20 STK
Products weight (without packaging)	25g