Overview

Product information



Single relay-DRPB-1CH-D24-06A(H)-30010000135

Small size, high current, 1 PDT, with LED, with test button, rated coil voltage: 24VDC, switching current: 16A

Product advantages

☑ Safe isolation between coil and contacts
☑ 16A maximum switching current

Product certification

CE

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	12.6mm
length	29mm
high	16mm

Coil side

Coil resistance	1440Ω
Power consumption at rated conditions	0.40W

Environmental data

Ambient temperature (operating)	-40 °C ... +85 °C
Ambient temperature (storage/transport)	-40 °C ... +85 °C
environment humidity	5%～85%RH

Coil side

Rated input voltage UN	24VDC
Typical input current under UN	16.7mA
Operating voltage	≤75%
Reset voltage	≥10%
Maximum allowable voltage	1.1

Switch part (contact part)

Contact voltage maximum	277VAC/30VDC
Maximum contact current	16A
Contact composition	1C
Contact mechanism	single
Contact material	Ag alloy
Contact resistance	≤100mΩ
Action time	<15ms
Reset time	<8ms
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	100G
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	30010000135
Packing unit	50 STK
Minimum order quantity	50 STK
Products weight (without packaging)	17g