Overview

Product information



Single relay-DRPL-4C-L-D24-02A(H)-30010000104

High current power relay, 4 DPT, with LEDs, rated coil voltage: 24VDC, switching current: 10A

Product advantages

☑ Safe isolation between coil and contacts
☑ 10A maximum switching current

Product certification

Technical data

Product drawing

3D model

Overview

Test voltage relay coil/relay contact	1500VAC/1min
Test voltage PDT/PDT	1000VAC/1min
Operation mode	100% work factor
Installation location	Arbitrary

Dimension

width	28mm
high	36mm
length	41.5mm

Coil side

Coil resistance	384Ω

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	62.5mA
Operating voltage	≤75%
Reset voltage	≥10%
Maximum allowable voltage	1.1
Power consumption under rated conditions	1.5W

Switch part (contact part)

Contact voltage maximum	277VAC/30VDC
Maximum contact current	10A
Contact composition	4C
Contact mechanism	single
Contact material	Ag alloy
Contact resistance	≤100mΩ
Action time	<15ms
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)	1500VAC/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

Accessories

Relay socket	DPTF14A-3-02A(H)

Business data

Order number	30010000104
Packing unit	10 STK
Minimum order quantity	10 STK
Products weight (without packaging)	65g