

Overview

Product information



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

heavy current power relay, four changeover contact, with indicator light, nominal control voltage: 24VDC, sustained current: 10A

Product advantages

- Safe isolation between coil and contact
- The maximum power of the contact is 10A

Product certification



Technical data

Product drawing

3D model

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Environmental data

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage / transport)	-25 °C ... 55 °C
environment humidity	35%~85%RH

Coil side

Rated input voltage UN	24VDC
Typical input current under UN	62.5mA
Coil resistance	1536Ω
Operating voltage	≤75%
Reset voltage	≥10%

Maximum allowable voltage	1.1
Power consumption under rated conditions	1.5W

Switch part (contact part)

Maximum contact voltage	AC240V DC28V
Maximum contact current	10A
Contact composition	4C
Contact mechanism	single
Contact material	Ag alloy
Contact resistance	$\leq 100\text{m}\Omega$
Action time	$< 20\text{ms}$
Reset time	$< 20\text{ms}$
Maximum switching frequency (mechanical)	18000 times/h
Maximum switching frequency (rated load)	1800 times/h
Insulation resistance	$\geq 100\text{M}\Omega$
Withstand voltage (between coil and contact)	1500VAC/1min
Withstand voltage (between different pole contacts)	1000VAC/1min
Withstand voltage (between contacts of the same pole)	1000VAC/1min
Shock proof	10G
Vibration resistant	10-55Hz
Electrical life	$> 1 \times 10^5$
Mechanical life	$> 1 \times 10^7$

Standards/Regulations

Standards/Regulations	IEC 61810-1 IEC 60664
insulation	Basic isolation
Protection level	IP50

Pollution level	3
Overvoltage category	III

Dimension

length	41.5mm
width	28mm
Height	36mm

Overview

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

Accessories

Accessories

Relay socket	DPTF14A-3-02A(H)
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Business data

Order number	30010000104
Packing unit	20
Minimum order quantity	20
Products weight (without packaging)	80