

## Overview

### Product information



## Single relay-DRPL-4C-L-A220-02A(H)-30010000101

heavy current power relay, four changeover contact, with indicator light, input voltage :220VAC

### Product advantages

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

### Product certification



## Technical data

### Product drawing

### 3D model

□

### 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	220VAC
Typical input current under UN	13.6mA
Coil resistance	5647Ω
Operating voltage	≤80%
Reset voltage	≥30%

Maximum allowable voltage	1.1
Power consumption under rated conditions	2.5VA

#### 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
Overtoltage 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)
--------------	------------------

#### Business data

Order number	30010000101
Packing unit	20
Minimum order quantity	20
Products weight (without packaging)	80