

## Overview

### Product information



## Single relay-DRPL-2C-L-A220-02A(H)-30010000035

heavy currentpower relay,with changeover contact,two 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 | 37.5mA |
| Coil resistance                | 14116Ω |
| Operating voltage              | ≤75%   |
| Reset voltage                  | ≥10%   |
| Maximum allowable voltage      | 1.1    |

|  |      |
|--|------|
| Power consumption under rated conditions | 0.9W |
|--|------|

Switch part (contact part)

|   |                    |
|---|--------------------|
| Maximum contact voltage                               | AC240V DC28V       |
| Maximum contact current                               | 10A                |
| Contact composition                                   | 2C                 |
| Contact mechanism                                     | single             |
| Contact material                                      | Ag alloy           |
| Contact resistance                                    | ≤100mΩ             |
| Action time   | <20ms              |
| Reset time  | <20ms              |
| 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 different pole contacts)   | 1000VAC/1min       |
| Withstand voltage (between contacts of the same pole) | 1000VAC/1min       |
| Shock proof   | 10G                |
| Vibration resistant                                   | 10-55Hz            |
| Electrical life                                       | >1×10 <sup>5</sup> |
| Mechanical life                                       | >1×10 <sup>7</sup> |

Standards/Regulations

|                       |                       |
|-----------------------|-----------------------|
| Standards/Regulations | IEC 61810-1 IEC 60664 |
| insulation            | Basic isolation       |
| Protection level      | IP50                  |
| Pollution level       | 3                     |

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
|----------------------|-----|

#### Dimension

|        |        |
|--------|--------|
| length | 21.5mm |
| 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 | DPTF08A-3-02A(H) |
|--------------|------------------|

#### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 30010000035 |
| Packing unit                        | 20          |
| Minimum order quantity              | 20          |
| Products weight (without packaging) | 40          |