

## Overview

## Product information

**Single relay-DRPS-1C-D24-06A(H)-30070000096**

ultra thintyperelay,1 convert contact, bring instruct light ,with test lever,Rated control Voltage: 24VDC, continued current: 6A

## Product advantages

- ✓ Safe isolation between coil and contacts
- ✓ The maximum power of the contact reaches 6A

## Product certification

## Technical data

## Product drawing

## 3D model

□

## coil side

|                                       |       |
|---------------------------------------|-------|
| Coil resistance                       | 3388Ω |
| 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                    | 35%~85%RH         |

## Coil side

|                                |       |
|--------------------------------|-------|
| Rated input voltage UN         | 24VDC |
| Typical input current under UN | 22mA  |
| Operating voltage              | ≤75%  |

|                           |      |
|---------------------------|------|
| Reset voltage             | ≥10% |
| Maximum allowable voltage | 1.1  |

Switch part (contact part)

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| Contact current maximum                               | 6A                 |
| Maximum contact voltage                               | AC240V DC28V       |
| Contact composition                                   | 1C                 |
| Contact mechanism                                     | single             |
| Contact material                                      | Ag alloy           |
| Action time                                           | <20ms              |
| 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)          | 4000VAC/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                               |                  |
|-----------------------------------------|------------------|
| high                                    | 15mm             |
| length                                  | 28mm             |
| width                                   | 5mm              |
| Overview                                |                  |
| Test Voltage Relay Coils/Relay Contacts | 4000VAC/1min     |
| Operation mode                          | 100% work factor |
| Installation location                   | Arbitrary        |

| Accessories |
|-------------|
|             |

| Business data                       |             |
|-------------------------------------|-------------|
| Order number                        | 30070000096 |
| Packing unit                        | 20 STK      |
| Minimum order quantity              | 20 STK      |
| Products weight (without packaging) | 17g         |