

# Product data sheet

## Characteristics

# 8501CDO6V51

Power Relay, Type C, 2.0 HP, 30A resistive at 300 VAC, SPST, 1 normally open contact, 12 VDC coil



### Main

|                              |  |
|------------------------------|--|
| Product range                | Power Relay 8501C  |
| Product type                 | Power relay  |
| Short name                   | Type C   |
| [In] rated line current      | 30 A   |
| Device application           | Suited for controlling small single phase motors and other light loads |
| Switch function              | SPST   |
| Contact composition          | 1 NO   |
| [Uc] control circuit voltage | 12 V DC  |
| Horsepower rating            | 2 hp   |
| Maximum switching voltage    | 600 V AC   |

### Complementary

|                            |                                  |
|----------------------------|----------------------------------|
| Class number               | 8501                             |
| Phase                      | 1 phase                          |
| Terminal connects          | Screw clamp terminal             |
| Wire range                 | AWG 10 copper                    |
| Terminal tightening torque | 11...15 lbf.in (1.24...1.69 N.m) |
| Coil burden                | 2 W                              |
| Mounting                   | Panel mounting                   |

### Environment

|   |   |
|---|---|
| Ambient temperature range - operational | -22...140 °F (-30...60 °C)                  |
| Product certifications                  | UL listed file E78351 CCN NLDX<br>CSA<br>CE |
| Height                                  | 2.43 in (61.72 mm)                          |
| Width                                   | 2.5 in (63.50 mm)                           |
| Depth                                   | 2.25 in (57.15 mm)                          |

### Ordering and shipping details

|                       |                    |
|-----------------------|--------------------|
| Category              | 21131 - 8501 C     |
| Discount Schedule     | CP2                |
| GTIN                  | 785901089698       |
| Nbr. of units in pkg. | 1                  |
| Package weight(Lbs)   | 7.84 oz (222.26 g) |
| Returnability         | Yes                |
| Country of origin     | CN                 |

### Packing Units

|                        |                    |
|------------------------|--------------------|
| Unit Type of Package 1 | PCE                |
| Package 1 Height       | 2.50 in (6.35 cm)  |
| Package 1 width        | 2.30 in (5.842 cm) |
| Package 1 Length       | 2.50 in (6.35 cm)  |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>  |
| REACH free of SVHC         | Yes  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes  |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|