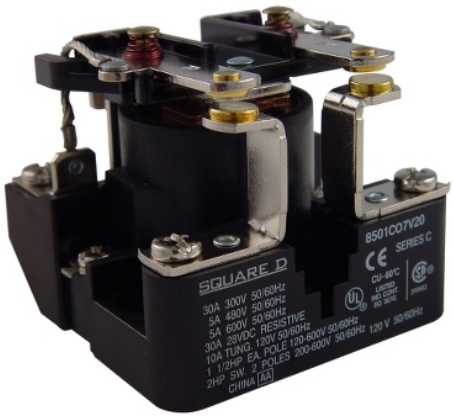
# Product data sheet
## Characteristics

# 8501CDO7V51
## Power Relay, Type C, 2 HP, 30A resistive at 300 VAC, DPST, 2 normally open contacts, 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 | DPST |
| Contact composition | 2 NO |
| [Uc] control circuit voltage | 12 V DC |
| Horsepower rating | 2.0 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 | 00785901089681 |
| Returnability | No |
| Country of origin | CN |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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 www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

## Contractual warranty

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