# Product data sheet

Specifications

## Power Relay, SPST, 1NO and 0NC, 20 A resistive at 110 VDC, 480 VAC coil

8501CO21V29

Discontinued

Discontinued on: Dec 2, 2020

End-of-service on: Dec 31, 2020

## Main

| | |
|---|---|
| **Product Range** | Power Relay 8501C |
| **Product Type** | Power relay |
| **Short Name** | type C |
| **[In] Rated Line Current** | 20 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** | 480 V AC 50/60 Hz |
| **Maximum Switching Voltage** | 500 V DC |

## 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** | 10 VA |
| **Mounting** | Panel mounting |

## Environment

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|---|---|
| **Ambient Temperature Range - Operational** | -22…122 °F (-30…50 °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** | 2.18 in (55.37 mm) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | 21131-8501 C |
| **Discount Schedule** | CP2 |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

| | |
|---|---|
| **Returnability** | No |
| **Country Of Origin** | CN |

## Contractual warranty

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

## Sustainability

**Green Premium$^{TM}$ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency

RoHS/REACh

## Well-being performance

| | |
|---|---|
| Reach Free Of Svhc | |
| Toxic Heavy Metal Free | |
| Mercury Free | |
| Rohs Exemption Information | Yes |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Pro-active compliance (Product out of EU RoHS legal scope)<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | No need of specific recycling operations |
| **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 |