

# Product data sheet

Specifications

SQUARE D

Green Premium™



Power Relay, Type C, 2.0 HP,  
30A resistive at 300 VAC, SPST, 1  
normally open contact, 208 VAC coil

8501CO6V08

Product availability : Stock - Normally stocked in distribution facility

## 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 | 208 V AC 60 Hz                                                         |
| 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                | 10 VA                            |
| Mounting                   | Panel mounting                   |

## Environment

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| 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                                   | 2.25 in (57.15 mm)                          |

Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | 21131-8501 C |
| Discount Schedule | CP2          |
| GTIN              | 785901059561 |
| Returnability     | No           |
| Country of origin | CN           |

Packing Units

|                              |                     |
|------------------------------|---------------------|
| Unit Type of Package 1       | PCE                 |
| Number of Units in Package 1 | 1                   |
| Package 1 Height             | 3.00 in (7.62 cm)   |
| Package 1 Width              | 3.00 in (7.62 cm)   |
| Package 1 Length             | 3.00 in (7.62 cm)   |
| Package 1 Weight             | 8.32 oz (235.868 g) |

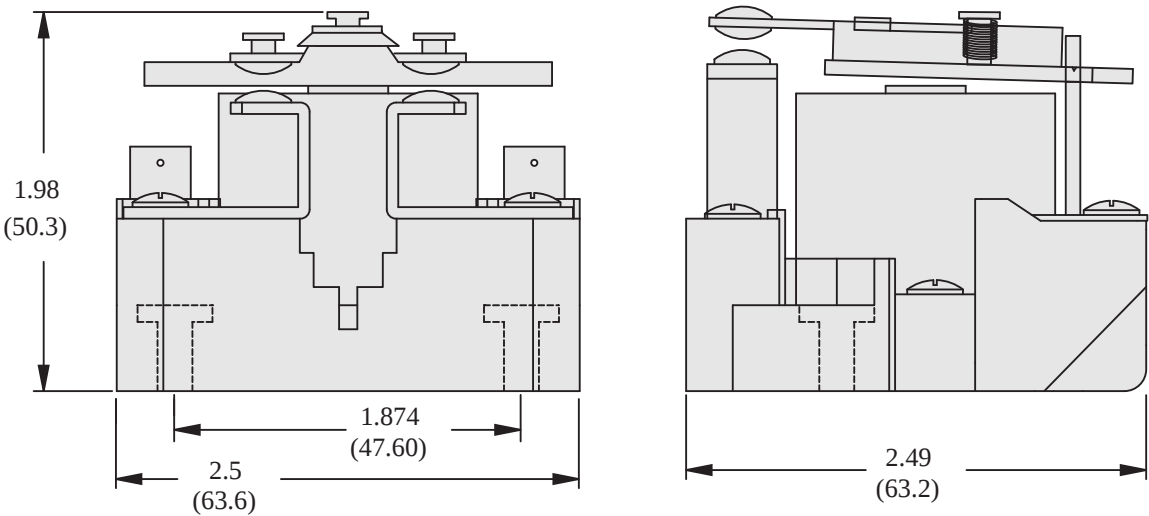
Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br><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 |
|----------|-----------|

Dimensions

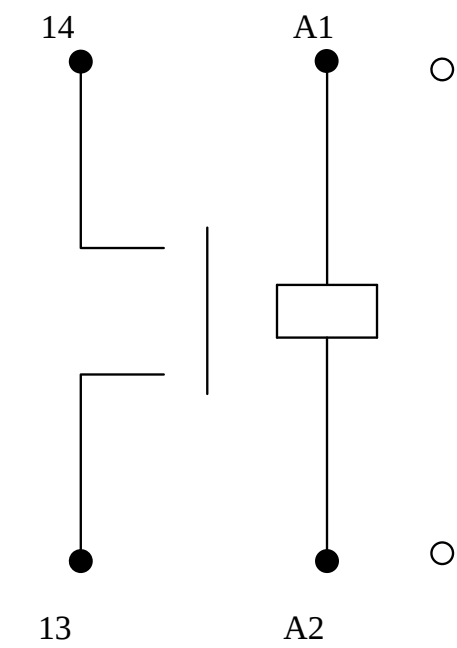


8501CO6  
8501CDO6  
8501CO21  
8501CDO21

in.  
(mm)

All dimensions are approximate.  
Also refer to technical drawings and documentation.

Wiring Diagram



(SPST-NO)

- 8501CO6
- 8501CDO6
- 8501CO21
- 8501CDO21

Recommended replacement(s)