

Product data sheet

Specifications

SQUARE D



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

8501CDO6V51

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	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 (1.2...1.7 N.m)
coil burden	2 W
mounting	Panel mounting

Environment

ambient temperature range - operational	-30...60 °C (-22...140 °F)
product certifications	UL listed file E78351 CCN NLDX CSA CE
height	2.43 in (61.72 mm)
width	2.5 in (63.5 mm)
depth	2.25 in (57.15 mm)

Ordering and shipping details

Category	US10CP221131
Discount Schedule	0CP2

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

GTIN	785901089698
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
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)
Package weight(Lbs)	7.84 oz (222.26 g)

Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

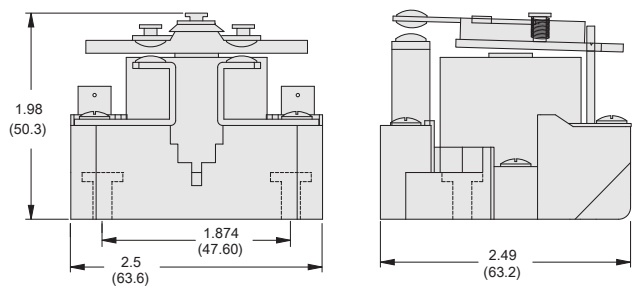
Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known 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

Use Again

Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

Dimensions



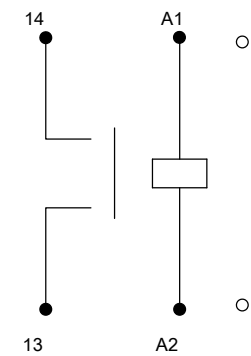
8501CO6
8501CDO6
8501CO21
8501CDO21

in.
(mm)

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

Technical Illustration

Wiring diagram



(SPST-NO)

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