

Product data sheet

Specifications



Power Relay, Type C, DPDT, 2 normally open and 2 normally closed contacts, 20A resistive at 110 VDC, 12 VDC coil

8501CDO22V51

To be discontinued

To be discontinued on: Sep 30, 2025

Product availability: Non-Stock - Not normally stocked in distribution facility

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	DPDT
contact composition	2 NO/2 NC
[Uc] control circuit voltage	12 V DC
maximum switching voltage	325 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 (1.2...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	3.12 in (79.25 mm)
width	2.5 in (63.5 mm)
depth	2.53 in (64.26 mm)

Ordering and shipping details

Category	US10CP221131
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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

Discount Schedule	0CP2
GTIN	785901298755
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.70 in (6.858 cm)
Package 1 Width	3.00 in (7.62 cm)
Package 1 Length	4.00 in (10.16 cm)
Package weight(Lbs)	7.84 oz (222.26 g)

Contractual warranty

Warranty	18 months
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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

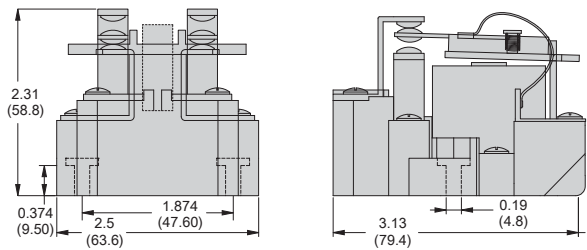
 Materials and Substances	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, 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

Technical Illustration

Dimensions



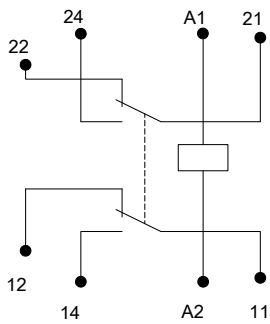
8501CO16
8501CDO16
8501CO22
8501CDO22

in.
(mm)

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

Technical Illustration

Wiring diagram



(DPDT)
8501CO16
8501CDO16
8501CO22
8501CDO22