Product data sheet

Specifications



Power Relay, Type C, 2 hp, 30A resistive at 300VAC, DPDT, 2 normally open and 2 normally closed contact, 240VAC coil

8501CO16V24

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	DPDT
contact composition	2 NO/2 NC
[Uc] control circuit voltage	240 V AC 50/60 Hz
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 (1.2…1.7 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 CSA CE
height	3.12 in (79.25 mm)
width	2.5 in (63.5 mm)
depth	2.31 in (58.67 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	785901052159
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.400 in (6.096 cm)
Package 1 Width	2.600 in (6.604 cm)
Package 1 Length	3.200 in (8.128 cm)
Package weight(Lbs)	11.200 oz (317.514 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	25
Package 2 Height	9.000 in (22.860 cm)
Package 2 Width	13.200 in (33.528 cm)
Package 2 Length	14.000 in (35.560 cm)
Package 2 Weight	20.0004 lb(US) (9.072 kg)

Contractual warranty

Warranty (in months)	18

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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACh Regulation	Free of Substances of Very High Concern above the threshold
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 Longer

Lifetime extension

Repair	No

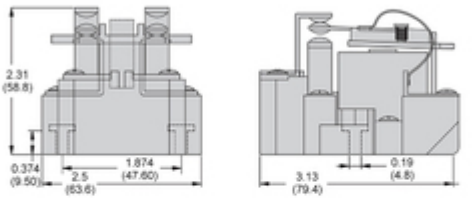
Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

Dimensions



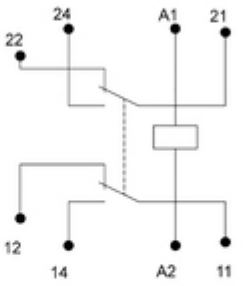
8501CO16
8501CDO16
8501CO22
8501CDO22

in.
(mm)

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

Technical Illustration

Wiring diagram



(DPDT)

8501CO16
8501CDO16
8501CO22
8501CDO22