

# Product data sheet

Specifications

**SQUARE D**



Power Relay, Type C, 2 HP, 30A resistive at 300 VAC, SPDT, 2 normally open and 2 normally closed contact, 120 VAC coil

8501CO16V20

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	120 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.

<b>GTIN</b>	785901052135
<b>Returnability</b>	Yes
<b>Country of origin</b>	CN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.600 in (6.604 cm)
<b>Package 1 Width</b>	3.00 in (7.62 cm)
<b>Package 1 Length</b>	4.00 in (10.16 cm)
<b>Package weight(Lbs)</b>	10.080 oz (285.763 g)
<b>Unit Type of Package 2</b>	CAR
<b>Number of Units in Package 2</b>	25
<b>Package 2 Height</b>	4.200 in (10.668 cm)
<b>Package 2 Width</b>	15.800 in (40.132 cm)
<b>Package 2 Length</b>	20.800 in (52.832 cm)
<b>Package 2 Weight</b>	19.60 lb(US) (8.89 kg)

## Contractual warranty

<b>Warranty (in months)</b>	18
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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 >](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	<a href="#">Compliant</a>
REACH Regulation	<a href="#">Free of Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> 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>

### Use Longer

#### Lifetime extension

Repair	No
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### Use Again

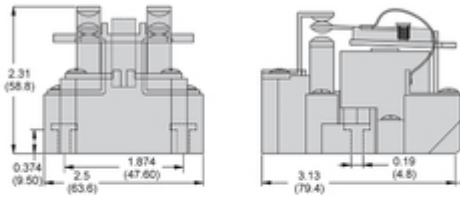
#### Repack and remanufacture

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

Technical Illustration

Dimensions

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8501CO16  
8501CDO16  
8501CO22  
8501CDO22

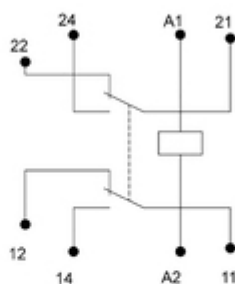
in.  
(mm)

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

Technical Illustration

Wiring diagram

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(DPDT)

- 8501CO16
- 8501CDO16
- 8501CO22
- 8501CDO22

Image of product / Alternate images

Alternative

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