Product data sheet
Characteristics

8501CO21V20
Power Relay, Type C, 20A resistive at 110 VDC, SPST, 1 normally open contact, 120 VAC coil



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	SPST
Contact composition	1 NO
[Uc] control circuit voltage	120 V AC 50/60 Hz
Maximum switching voltage	500 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	10 VA
Mounting	Panel mounting

Environment

Ambient temperature range - operational	-30.0000002…50.0 °C (-22…122 °F)
Product certifications	UL listed file E78351 CCN NLDX[RETURN]CSA[RETURN]CE
Height	2.43 in (61.72 mm)
Width	2.5 in (63.5 mm)
Depth	2.18 in (55.37 mm)

Ordering and shipping details

Category	US10CP221131
Discount Schedule	0CP2
GTIN	785901052270
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.756 in (7.000 cm)
Package 1 Width	3.150 in (8.000 cm)
Package 1 Length	3.346 in (8.500 cm)
Package 1 Weight	9.630 oz (273.000 g)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months