

Product data sheet

Specifications



Special Control Relay with 110VAC-50Hz/120VAC-60Hz Coil with 3 NO-1 NC Contacts

8501XO31S1V02

⚠ Discontinued on: Oct 11, 2019

⚠ Discontinued

Main

Range	8501X
Relay Type	Control
Product	Relay

Complementary

Coil Voltage	110 V AC 50 Hz 120 V AC 60 Hz
Control Circuit Voltage Limits	Operational 0.85...1.1 Uc AC 50/60 Hz
Rated Breaking Capacity	6 A 120 V AC inductive control circuit UL 508 3 A 240 V AC inductive control circuit UL 508 1.5 A 480 V AC inductive control circuit UL 508 1.2 A 600 V AC inductive control circuit UL 508 10 A <= 600 V AC resistive control circuit UL 508 1.1 A 125 V DC inductive control circuit UL 508 0.55 A 250 V DC inductive control circuit UL 508 0.2 A 301...600 V DC inductive control circuit UL 508 4 A 125 V DC resistive control circuit UL 508 0.8 A 250 V DC resistive control circuit UL 508
[Icm] Rated Short-Circuit Making Capacity	60 A 120 V AC inductive control circuit UL 508 30 A 240 V AC inductive control circuit UL 508 15 A 480 V AC inductive control circuit UL 508 12 A 600 V AC inductive control circuit UL 508 10 A <= 600 V AC resistive control circuit UL 508 1.1 A 125 V DC inductive control circuit UL 508 0.55 A 250 V DC inductive control circuit UL 508 0.2 A 301...600 V DC inductive control circuit UL 508 4 A 125 V DC inductive control circuit UL 508 0.8 A 250 V DC resistive control circuit UL 508
Inrush Power In Va	148 VA 60 Hz 143 VA 50 Hz
Hold-In Power Consumption In Va	23 VA 60 Hz 25 VA 50 Hz
Operating Time	15 ms - pick-up 16 ms - drop-out
Contact Configuration	3 NO + 1 NC 4 standard contact cartridges
Electrical Connection	Screw clamp terminals
Awg Gauge	AWG 18...AWG 12 copper
Tightening Torque	Control circuit 9.03...12.04 lbf.in (1.02...1.36 N.m) screw terminals
Mounting Type	Panel
Height	3.5 in (88.90 mm)
Width	2.23 in (56.64 mm)

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

Depth	3.95 in (100.33 mm)
-------	---------------------

Environment

Operating Temperature	-40...160 °F (-40...71 °C)
Certifications	CE UL listed file E78403 CCN NKCR CSA LR60905 class 3211 03

Ordering and shipping details

Category	21158-8501 XO (AC)
Discount Schedule	CP2
Returnability	No
Country Of Origin	MX

Contractual warranty

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