Product data sheet

Specifications



NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 3 NO and 3 NC contacts, 110/120 VAC 50/60 Hz coil

8501XO33V02

Discontinued

Discontinued on: Aug 15, 2024

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

Main

Range	8501X
Relay Type	Control
Product	Relay
Current Rating	10 A AC 5 A DC

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 + 3 NC 6 standard contact cartridges
Electrical Connection	Screw clamp terminals
AWG gauge	18 AWG...12 AWG copper
Tightening torque	Control circuit 9.03…12.04 lbf.in (1.02…1.36 N.m) screw terminals

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

Mounting Type	Panel
Height	3.5 in (88.9 mm)
Width	2.23 in (56.64 mm)
Depth	5.16 in (131.06 mm)

Environment

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

Ordering and shipping details

Category	US10CP221158
Discount Schedule	0CP2
GTIN	785901340669
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.540 in (6.452 cm)
Package 1 Width	1.00 in (2.54 cm)
Package 1 Length	6.452 in (16.387 cm)
Package weight(Lbs)	2.401 lb(US) (1.089 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 >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information