Product data sheet

Specifications



NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 5 NO and 3 NC contacts, 110/120 VAC 50/60 Hz coil

8501XO53V02

Discontinued

Discontinued on: 02 December 2020

End-of-service on: 31 December 2020

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

Price* : 313.00 USD

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	5 NO + 3 NC 8 standard contact cartridges

* 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

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)
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	21158 - 8501 XO (AC)
Discount Schedule	CP2
Nbr. of units in pkg.	1
Package weight(Lbs)	2.3 lb(US) (1.04 kg)
Returnability	No
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months

Recommended replacement(s)

8501XO53V02 is replaced by the following product range:



Square D NEMA Relay

Square D® 8501 Type X relays

Products: 98