

Product data sheet

Specifications



NEMA Control Relay, Type X,
machine tool, 10A resistive at 600
VAC, 8 normally open contacts,
110/120 VAC 50/60 Hz coil

8501XO80V02

Product availability : Stock - 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 U _c 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
[I _{cm}] 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	8 NO 8 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)
Depth	5.16 in (131.06 mm)

Environment

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

Ordering and shipping details

Category	21158-8501 XO (AC)
Discount Schedule	CP2
GTIN	785901536819
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.30 in (8.382 cm)
Package 1 Width	4.50 in (11.43 cm)
Package 1 Length	6.40 in (16.256 cm)
Package 1 Weight	2.43 lb(US) (1.102 kg)

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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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Recommended replacement(s)