Product data sheet
Characteristics

8501XO80V01
NEMA Control Relay, machine tool, 8 NO, 24 VAC 60 Hz coil



Main

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

Complementary

Coil Voltage	24 V AC 60 Hz
Control circuit voltage limits	Operational 0.85...1.1 Uc AC 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
Hold-in power consumption in VA	23 VA 60 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
Maximum Height	3.5 in (88.90 mm)
Maximum Width	2.23 in (56.64 mm)
Maximum 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

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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.
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Ordering and shipping details

Category	21158 - 8501 XO (AC)
Discount Schedule	CP2
GTIN	00785901536826
Nbr. of units in pkg.	1
Package weight(Lbs)	3 lb(US) (1.36 kg)
Returnability	No
Country of origin	MX

Offer Sustainability

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