





NEMA Control Relay, machine tool, 2 NO and 2 NC, 110/120 VAC 50/60 Hz coil, pan head screws

8501XO22V02Y414

Discontinued on: Jul 1, 2020

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

Complementary

Coil Voltage	110 V AC 50 Hz
Jon Voltage	120 V AC 60 Hz
	120 V AC 00 112
Control Circuit Voltage Limits	Operational 0.851.1 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 301600 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	60 A 120 V AC inductive control circuit UL 508
Capacity	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 301600 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	2 NO + 2 NC 4 standard contact cartridges
Electrical Connection	Ring tongue
Awg Gauge	AWG 18AWG 12 copper
Tightening Torque	Control circuit 9.0312.04 lbf.in (1.021.36 N.m) screw terminals
Mounting Type	Panel

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Height	3.5 in (88.90 mm)
Width	2.23 in (56.64 mm)
Depth	3.95 in (100.33 mm)

Environment

Operating Temperature	-40160 °F (-4071 °C)
Certifications	UL listed file E78403 CCN NKCR CSA I R60905 class 3211 03

Ordering and shipping details

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
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	