Product datasheet

Specification





NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 2 normally open contacts, 110/120 VAC 50/60 Hz coil

8501XO20V02

(!) Discontinued on: 17 Jan 2023



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: 0.851.1 Uc AC 50/60 Hz
Rated Breaking Capacity	6 A at 120 V AC for inductive control circuit conforming to UL 508
	3 A at 240 V AC for inductive control circuit conforming to UL 508
	1.5 A at 480 V AC for inductive control circuit conforming to UL 508
	1.2 A at 600 V AC for inductive control circuit conforming to UL 508
	10 A at <= 600 V AC for resistive control circuit conforming to UL 508
	1.1 A at 125 V DC for inductive control circuit conforming to UL 508
	0.55 A at 250 V DC for inductive control circuit conforming to UL 508
	0.2 A at 301600 V DC for inductive control circuit conforming to UL 508
	4 A at 125 V DC for resistive control circuit conforming to UL 508
	0.8 A at 250 V DC for resistive control circuit conforming to UL 508
	0.0 A at 250 V DO 101 Tesistive control circuit comorning to 0E 500
[Icm] Rated Short-Circuit Making	60 A at: 120 V AC for inductive load control circuit conforming to UL 508
Capacity	30 A at: 240 V AC for inductive load control circuit conforming to UL 508
	15 A at: 480 V AC for inductive load control circuit conforming to UL 508
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	12 A at: 600 V AC for inductive load control circuit conforming to UL 508
	10 A at: <= 600 V AC for resistive load control circuit conforming to UL 508
	1.1 A at: 125 V DC for inductive load control circuit conforming to UL 508
	0.55 A at: 250 V DC for inductive load control circuit conforming to UL 508
	0.2 A at: 301600 V DC for inductive load control circuit conforming to UL 508
	4 A at: 125 V DC for inductive load control circuit conforming to UL 508
	0.8 A at: 250 V DC for resistive load control circuit conforming to UL 508
Inrush Power In Va	148 VA 60 Hz
	143 VA 50 Hz
	110 17100 1712
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 standard contact cartridges
Electrical Connection	Screw clamp terminals
Awg Gauge	AWG 18AWG 12 copper
Tightening Torque	Control circuit: 1.021.36 N.m - on screw terminals
Mounting Type	Panel

Height	88.90 mm
Width	56.64 mm
Depth	100 33 mm

Environment

Operating Temperature	-4071 °C
Certifications	CSA LR60905 class 3211 03 UL listed file E78403 CCN NKCR

Packing Units

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.6 cm
Package 1 Width	11.7 cm
Package 1 Length	16.5 cm
Package 1 Weight	938.9 g
Unit Type Of Package 2	PAL
Number Of Units In Package 2	360
Package 2 Height	101.6 cm
Package 2 Width	101.6 cm
Package 2 Length	121.92 cm
Package 2 Weight	346.544 kg

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