Product data sheet
Characteristics

8501XDO80V66
NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 8 normally open contacts, 230/250 VDC coil



Main

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

Complementary

Coil Voltage	230/250 V DC
Control circuit voltage limits	Operational 0.8...1.1 Uc DC
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 W	18 W
Hold-in Power Consumption in W	18 W
Operating time	37 ms - pick-up 21 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	3.56 in (90.42 mm)
Width	2.23 in (56.64 mm)
Depth	6.37 in (161.80 mm)

Environment

Operating Temperature	-40.0000002…71.1 °C (-40…160 °F)
Certifications	CSA LR60905 class 3211 03[RETURN]UL listed file E78403 CCN NKCR

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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Ordering and shipping details

Category	US10CP221157
Discount Schedule	0CP2
GTIN	785901018131
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.5 in (9.0 cm)
Package 1 Width	4.7 in (12.0 cm)
Package 1 Length	9.3 in (23.5 cm)
Package 1 Weight	3.999 lb(US) (1.814 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)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months