## Product data sheet

Specifications







# NEMA Control Relay, machine tool, 2 NO, 12 VDC coil

8501XDO20V51

- () Discontinued on: Jul 1, 2020
- (!) End-of-service on: Jan 22, 2021

#### () Discontinued

#### Main

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

## Complementary

Complementary	
Coil Voltage	12 V DC
Control Circuit Voltage Limits	Operational 0.81.1 Uc DC
Rated Breaking Capacity	<ul> <li>6 A 120 V AC inductive control circuit UL 508</li> <li>3 A 240 V AC inductive control circuit UL 508</li> <li>1.5 A 480 V AC inductive control circuit UL 508</li> <li>1.2 A 600 V AC inductive control circuit UL 508</li> <li>10 A &lt;= 600 V AC resistive control circuit UL 508</li> <li>1.1 A 125 V DC inductive control circuit UL 508</li> <li>0.2 A 301600 V DC inductive control circuit UL 508</li> <li>4 A 125 V DC resistive control circuit UL 508</li> <li>0.8 A 250 V DC resistive control circuit UL 508</li> </ul>
[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 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 W	18 W
Hold-In Power Consumption In W	18 W
Operating Time	37 ms - pick-up 21 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 9.0312.04 lbf.in (1.021.36 N.m) screw terminals
Mounting Type	Panel
Height	3.56 in (90.42 mm)
Width	2.23 in (56.64 mm)

Depth

5.17 in (131.32 mm)

#### Environment

Operating Temperature	-40160 °F (-4071 °C)
Certifications	CSA LR60905 class 3211 03 UL listed file E78403 CCN NKCR

## **Packing Units**

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

## **Contractual warranty**

Warranty

18 months

## Sustainability Screen

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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Guide to assess a product's sustainability >



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