

# Product data sheet

Specifications

SQUARE D



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

8501XO20V02

**Product availability: Stock - Normally stocked in distribution  
facility**

## 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 0.85...1.1 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 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 resistive 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 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

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 (88.9 mm)
Width	2.23 in (56.64 mm)
Depth	3.95 in (100.33 mm)

## Environment

Operating Temperature	-40...71 °C (-40...160 °F)
Certifications	CSA LR60905 class 3211 03 UL listed file E78403 CCN NKCR

## Ordering and shipping details

Category	US10CP221158
Discount Schedule	OCP2
GTIN	785901536963
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.30 in (8.382 cm)
Package 1 Width	4.60 in (11.684 cm)
Package 1 Length	6.30 in (16.002 cm)
Package weight(Lbs)	33.599 oz (952.543 g)
Unit Type of Package 2	PAL
Number of Units in Package 2	360
Package 2 Height	40.00 in (101.600 cm)
Package 2 Width	40.00 in (101.600 cm)
Package 2 Length	48.00 in (121.920 cm)
Package 2 Weight	763.999 lb(US) (346.544 kg)

## Contractual warranty

Warranty	18 months
----------	-----------



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	240
--	-----

Environmental Disclosure	<a href="#">Product Environmental Profile</a>
--------------------------	---

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard	Yes
--	-----

Packaging without single use plastic	Yes
--------------------------------------	-----

<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
-----------------------------------	--

REACH Regulation	<a href="#">REACH Declaration</a>
------------------	-----------------------------------

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 <a href="#">www.P65Warnings.ca.gov</a>
---------------------------	---

### Use Again

#### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
---------------------	---

Take-back	No
-----------	----

Image of product / Alternate images

Alternative

---



