

# Product data sheet

Specifications

**SQUARE D**



NEMA Control Relay, Type X,  
machine tool, 10A resistive at 600  
VAC, 4 normally open contacts,  
220/240 VAC 50/60 Hz coil

8501XO40V03

**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	220 V AC 50 Hz 240 V AC 60 Hz
Control circuit voltage limits	Operational 0.85...1.1 U <sub>c</sub> 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
[I <sub>cm</sub> ] 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 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	4 NO 4 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	3.5 in (88.9 mm)

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

<b>Width</b>	2.23 in (56.64 mm)
<b>Depth</b>	3.95 in (100.33 mm)

## Environment

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

## Ordering and shipping details

<b>Category</b>	US10CP221158
<b>Discount Schedule</b>	0CP2
<b>GTIN</b>	785901536758
<b>Returnability</b>	Yes
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.540 in (6.452 cm)
<b>Package 1 Width</b>	1.00 in (2.54 cm)
<b>Package 1 Length</b>	6.452 in (16.387 cm)
<b>Package weight(Lbs)</b>	34.391 oz (974.997 g)
<b>Unit Type of Package 2</b>	PAL
<b>Number of Units in Package 2</b>	360
<b>Package 2 Height</b>	40.0 in (101.6 cm)
<b>Package 2 Width</b>	40.0 in (101.6 cm)
<b>Package 2 Length</b>	48.00 in (121.92 cm)
<b>Package 2 Weight</b>	774.696 lb(US) (351.396 kg)

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

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

Total lifecycle Carbon footprint	177 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	169 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
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
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</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="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
Take-back	No