# Product data sheet

Specifications



## NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 4 normally open contacts, 24 VAC 60 Hz coil

8501XO40V01

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

## Main

| | |
|---|---|
| **Range** | 8501X |
| **Relay Type** | Control |
| **Product** | Relay |
| **Current Rating** | 10 A AC<br>5 A DC |

## Complementary

| | |
|---|---|
| **Coil Voltage** | 24 V AC 60 Hz |
| **Control circuit voltage limits** | Operational 0.85...1.1 Uc AC 60 Hz |
| **Rated breaking capacity** | 6 A 120 V AC inductive control circuit UL 508<br>3 A 240 V AC inductive control circuit UL 508<br>1.5 A 480 V AC inductive control circuit UL 508<br>1.2 A 600 V AC inductive control circuit UL 508<br>10 A <= 600 V AC resistive control circuit UL 508<br>1.1 A 125 V DC inductive control circuit UL 508<br>0.55 A 250 V DC inductive control circuit UL 508<br>0.2 A 301...600 V DC inductive control circuit UL 508<br>4 A 125 V DC resistive control circuit UL 508<br>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<br>30 A 240 V AC inductive control circuit UL 508<br>15 A 480 V AC inductive control circuit UL 508<br>12 A 600 V AC inductive control circuit UL 508<br>10 A <= 600 V AC resistive control circuit UL 508<br>1.1 A 125 V DC inductive control circuit UL 508<br>0.55 A 250 V DC inductive control circuit UL 508<br>0.2 A 301...600 V DC inductive control circuit UL 508<br>4 A 125 V DC inductive control circuit UL 508<br>0.8 A 250 V DC resistive control circuit UL 508 |
| **Inrush power in VA** | 148 VA 60 Hz |
| **Hold-in power consumption in VA** | 23 VA 60 Hz |
| **Operating time** | 15 ms - pick-up<br>16 ms - drop-out |
| **Contact Configuration** | 4 NO 4 standard contact cartridges |
| **Electrical Connection** | Screw clamp terminals |
| **AWG gauge** | 18 AWG...12 AWG 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) |
| **Width** | 2.23 in (56.64 mm) |

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Depth** | 3.95 in (100.33 mm) |

## Environment

| | |
|---|---|
| **Operating Temperature** | -40…160 °F (-40…71 °C) |
| **Certifications** | UL listed file E78403 CCN NKCR<br>CSA LR60905 class 3211 03 |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10CP221158 |
| **Discount Schedule** | 0CP2 |
| **GTIN** | 785901537045 |
| **Returnability** | Yes |
| **Country of origin** | MX |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 3.300 in (8.382 cm) |
| **Package 1 Width** | 4.50 in (11.43 cm) |
| **Package 1 Length** | 6.300 in (16.002 cm) |
| **Package weight(Lbs)** | 34.56 oz (979.76 g) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| 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 |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | End of Life Information |
| Take-back | No |