# Product data sheet

Specifications

## NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 3 normally open contacts, 230/250 VDC coil

8501XDO30V66

Discontinued

Discontinued on: Dec 2, 2020

End-of-service on: Dec 31, 2020

## Main

| | |
|---|---|
| **Range** | 8501X |
| **Relay Type** | Control |
| **Product** | Relay |
| **Current Rating** | 10 A AC<br>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<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 W** | 18 W |
| **Hold-In Power Consumption In W** | 18 W |
| **Operating Time** | 37 ms - pick-up<br>21 ms - drop-out |
| **Contact Configuration** | 3 NO 3 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.

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

| | |
|---|---|
| **Height** | 3.56 in (90.42 mm) |
| **Width** | 2.23 in (56.64 mm) |
| **Depth** | 5.17 in (131.32 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** | 21157-8501 XDO (DC) |
| **Discount Schedule** | CP2 |
| **Gtin** | 00785901703662 |
| **Returnability** | No |
| **Country Of Origin** | MX |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

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 |
| **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 |