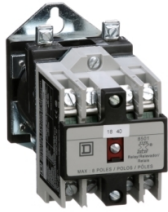


Product data sheet

Specifications

SQUARE D



NEMA Control Relay, Type X,
machine tool, 10A resistive at 600
VAC, 2 normally open contacts,
230/250 VDC coil

8501XDO20V66

! To be discontinued

! Discontinued on: Aug 15, 2024

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

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

Complementary

| | |
|--|---|
| Coil Voltage | 230/250 V DC |
| Control circuit voltage limits | Operational 0.8...1.1 U _c DC |
| 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 _{cm}] 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 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 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 | 3.56 in (90.42 mm) |
| Width | 2.23 in (56.64 mm) |
| Depth | 5.17 in (131.32 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 | US10CP221157 |
| Discount Schedule | 0CP2 |
| GTIN | 785901537458 |
| Returnability | No |
| Country of origin | MX |

Packing Units

| | |
|-------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 8.89 in (22.581 cm) |
| Package 1 Width | 3.50 in (8.89 cm) |
| Package 1 Length | 22.58 in (57.355 cm) |
| Package weight(Lbs) | 3.320 lb(US) (1.506 kg) |

Contractual warranty

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

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

Carbon footprint (kg CO2 eq, Total Life cycle) 245

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](#) Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation [REACH Declaration](#)

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

