Product data sheet

Specifications







NEMA Control Relay, machine tool, 2 NC, 110/120 VAC 50/60 Hz coil

8501XO02V02

Discontinued on: Jul 1, 2020



Main

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

Complementary

| Complementary | |
|--|--|
| Coil Voltage | 110 V AC 50 Hz 120 V AC 60 Hz |
| Control Circuit Voltage Limits | Operational 0.851.1 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 301600 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 301600 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 | 2 NC 2 standard contact cartridges |
| Electrical Connection | Screw clamp terminals |
| Awg Gauge | AWG 18AWG 12 copper |
| Tightening Torque | Control circuit 9.0312.04 lbf.in (1.021.36 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 (88.90 mm) |
|--------|---------------------|
| Width | 2.23 in (56.64 mm) |
| Depth | 3.95 in (100.33 mm) |

Environment

| Operating Temperature | -40160 °F (-4071 °C) |
|-----------------------|---|
| Certifications | CSA LR60905 class 3211 03 UL listed file E78403 CCN NKCR |

Ordering and shipping details

| Category | 21158-8501 XO (AC) |
|-------------------|--------------------|
| Discount Schedule | CP2 |
| Gtin | 00785901819691 |
| Returnability | No |
| Country Of Origin | МХ |

Packing Units

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

Contractual warranty

Warranty

18 months

Sustainability Screen

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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 | ch 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 | |