Product datasheet

Specification





NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 2 normally open contacts, 110/120 VAC 50/60 Hz coil

8501XO20V02

(!) Discontinued on: 17 Jan 2023

① Discontinued

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

Complementary

| - Compression y | |
|--|---|
| 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 at 120 V AC for inductive control circuit conforming to UL 508 3 A at 240 V AC for inductive control circuit conforming to UL 508 1.5 A at 480 V AC for inductive control circuit conforming to UL 508 1.2 A at 600 V AC for inductive control circuit conforming to UL 508 10 A at <= 600 V AC for resistive control circuit conforming to UL 508 1.1 A at 125 V DC for inductive control circuit conforming to UL 508 0.55 A at 250 V DC for inductive control circuit conforming to UL 508 0.2 A at 301600 V DC for inductive control circuit conforming to UL 508 4 A at 125 V DC for resistive control circuit conforming to UL 508 0.8 A at 250 V DC for resistive control circuit conforming to UL 508 |
| [Icm] Rated Short-Circuit Making Capacity | 60 A at: 120 V AC for inductive load control circuit conforming to UL 508 30 A at: 240 V AC for inductive load control circuit conforming to UL 508 15 A at: 480 V AC for inductive load control circuit conforming to UL 508 12 A at: 600 V AC for inductive load control circuit conforming to UL 508 10 A at: <= 600 V AC for resistive load control circuit conforming to UL 508 1.1 A at: 125 V DC for inductive load control circuit conforming to UL 508 0.55 A at: 250 V DC for inductive load control circuit conforming to UL 508 0.2 A at: 301600 V DC for inductive load control circuit conforming to UL 508 4 A at: 250 V DC for inductive load control circuit conforming to UL 508 0.8 A at: 250 V DC for resistive load control circuit conforming to 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 NO 2 standard contact cartridges |
| Electrical Connection | Screw clamp terminals |
| Awg Gauge | AWG 18AWG 12 copper |
| Tightening Torque | Control circuit: 1.021.36 N.m - on screw terminals |
| Mounting Type | Panel |

| Height | 88.90 mm |
|--------|-----------|
| Width | 56.64 mm |
| Depth | 100.33 mm |

Environment

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

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|------------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 8.6 cm |
| Package 1 Width | 11.7 cm |
| Package 1 Length | 16.5 cm |
| Package 1 Weight | 938.9 g |
| Unit Type Of Package 2 | PAL |
| Number Of Units In Package 2 | 360 |
| Package 2 Height | 101.6 cm |
| Package 2 Width | 101.6 cm |
| Package 2 Length | 121.92 cm |
| Package 2 Weight | 346.544 kg |

Contractual warranty

Warranty 18 months

26 Apr 2024



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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 |