Product datasheet

Specifications

Green Premium™

NEMA Control Relay, Type X, machine tool, 10A resistive at 600VAC, 8 normally open contacts, 24VDC coil

8501XDO80V53

Discontinued

Discontinued on: 4 Aug 2021

Main

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

Complementary

Coil Voltage	24 V DC
Control Circuit Voltage Limits	Operational: 0.8...1.1 Uc DC
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 301...600 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: 301...600 V DC for inductive load control circuit conforming to UL 508 4 A at: 125 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 W	18 W
Hold-In Power Consumption In W	18 W
Operating Time	37 ms - pick-up 21 ms - drop-out
Contact Configuration	8 NO 8 standard contact cartridges
Electrical Connection	Screw clamp terminals
Awg Gauge	AWG 18...AWG 12 copper
Tightening Torque	Control circuit: 1.02…1.36 N.m - on screw terminals
Mounting Type	Panel
Height	90.42 mm
Width	56.64 mm

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	161.80 mm

Environment

Operating Temperature	-40…71 °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	8.636 cm
Package 1 Width	11.684 cm
Package 1 Length	23.368 cm
Package 1 Weight	1.683 kg

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