Product data sheet

Specifications



NEMA Control Relay, Type X, machine tool, 10A resistive at 600 VAC, 8 normally open contacts, 230/250 VDC coil

8501XDO80V66

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 Uc 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
[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 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	8 NO 8 standard contact cartridges
Electrical Connection	Screw clamp terminals
AWG gauge	18 AWG...12 AWG copper
Tightening torque	Control circuit 9.03…12.04 lbf.in (1.02…1.36 N.m) screw terminals
Mounting Type	Panel
Height	3.56 in (90.42 mm)
Width	2.23 in (56.64 mm)

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

Depth	6.37 in (161.80 mm)

Environment

Operating Temperature	-40…160 °F (-40…71 °C)
Certifications	CSA LR60905 class 3211 03 UL listed file E78403 CCN NKCR

Ordering and shipping details

GTIN	785901018131
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.5 in (9.0 cm)
Package 1 Width	4.7 in (12.0 cm)
Package 1 Length	9.3 in (23.5 cm)
Package weight(Lbs)	3.999 lb(US) (1.814 kg)

Contractual warranty

Warranty (in months)	18

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

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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