

# 8501XDO80V66

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



## Commercial status

Discontinued on: 04 August 2021

8501XDO80V66 has not been replaced. Please contact your customer care centre for more information.

ⓘ Discontinued

### 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 <sub>c</sub> 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
[I <sub>cm</sub> ] 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

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

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
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 Weight	1.814 kg
Package 1 Height	9 cm
Package 1 width	12 cm
Package 1 Length	23.5 cm