Product data sheet
Characteristics

8501XDO60V59
Control Relay with 90VDC Coil with 6 NO Contacts

Commercial status
This Product is Obsolete : OCT 11, 2019

⚠ This Product is Obsolete

Main

Range of Product	8501X
Relay Type	Control
Product or Component Type	Relay
Line Rated Current	10 A AC 5 A DC

Complementary

[Uc] control circuit voltage	90 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
Contacts type and composition	6 NO 6 standard contact cartridges
Electrical Connection	Screw clamp terminals
AWG gauge	AWG 18...AWG 12 copper
Tightening torque	Control circuit 9.03…12.04 lbf.in (1.02…1.36 N.m) screw terminals
Mounting Support	Panel
Height	3.56 In (90.42 mm)
Width	2.23 In (56.64 mm)
Depth	6.37 In (161.80 mm)

Environment

Ambient Air Temperature for Operation	-40…160 °F (-40…71 °C)
Product Certifications	UL listed file E78403 CCN NKCR[RETURN]CSA LR60905 class 3211 03

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Ordering and shipping details

Category	21157-8501 XDO (DC)
Discount Schedule	CP2
Returnability	No
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months

Product Life Status : End of commerc. - Block

8501XDO60V59 is replaced by the following product range:

7527

Square D® 8501 Type X relays

Substitution date: |