

# Product data sheet

Specifications



## Latching Relay with 440VAC-50Hz/480VAC-60Hz Coil with 1 NO-1 NC Contacts

8501XO13XLV06

**Discontinued on:** Oct 11, 2019

**Discontinued**

### Main

|            |          |
|------------|----------|
| Range      | 8501X    |
| Relay Type | Latching |
| Product    | Relay    |

### Complementary

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coil Voltage                              | 440 V AC 50 Hz<br>480 V AC 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Control Circuit Voltage Limits            | Operational 0.85...1.1 Uc AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Rated Breaking Capacity                   | 6 A 120 V AC inductive control circuit UL 508<br>3 A 240 V AC inductive control circuit UL 508<br>1.5 A 480 V AC inductive control circuit UL 508<br>1.2 A 600 V AC inductive control circuit UL 508<br>10 A <= 600 V AC resistive control circuit UL 508<br>1.1 A 125 V DC inductive control circuit UL 508<br>0.55 A 250 V DC inductive control circuit UL 508<br>0.2 A 301...600 V DC inductive control circuit UL 508<br>4 A 125 V DC resistive control circuit UL 508<br>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<br>30 A 240 V AC inductive control circuit UL 508<br>15 A 480 V AC inductive control circuit UL 508<br>12 A 600 V AC inductive control circuit UL 508<br>10 A <= 600 V AC resistive control circuit UL 508<br>1.1 A 125 V DC inductive control circuit UL 508<br>0.55 A 250 V DC inductive control circuit UL 508<br>0.2 A 301...600 V DC inductive control circuit UL 508<br>4 A 125 V DC inductive control circuit UL 508<br>0.8 A 250 V DC resistive control circuit UL 508 |
| Inrush Power In Va                        | 148 VA 60 Hz<br>143 VA 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Hold-In Power Consumption In Va           | 23 VA 60 Hz<br>25 VA 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operating Time                            | 15 ms - pick-up<br>13 ms - drop-out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Contact Configuration                     | 1 NO + 3 NC 4 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 Type                             | Panel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Height                                    | 3.5 in (88.90 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 | 6.54 in (166.12 mm) |
|-------|---------------------|

## Environment

|                       |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Operating Temperature | -40...160 °F (-40...71 °C)                                        |
| Certifications        | UL listed file E78403 CCN NKCR<br>CE<br>CSA LR60905 class 3211 03 |

## Ordering and shipping details

|                   |                    |
|-------------------|--------------------|
| Category          | 21158-8501 XO (AC) |
| Discount Schedule | CP2                |
| Returnability     | No                 |
| Country Of Origin | MX                 |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|