



### Main

|                |                   |
|----------------|-------------------|
| Range          | 8501X             |
| Relay Type     | Control           |
| Product        | Relay             |
| Current Rating | 10 A AC<br>5 A DC |

### Complementary

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coil Voltage                              | 24 V AC 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Control circuit voltage limits            | Operational 0.85...1.1 Uc AC 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Hold-in power consumption in VA           | 23 VA 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Operating time                            | 15 ms - pick-up<br>16 ms - drop-out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Contact Configuration                     | 3 NO 3 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum Height                            | 3.5 in (88.90 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Maximum Width                             | 2.23 in (56.64 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Maximum Depth                             | 3.95 in (100.33 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

### Environment

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

## Ordering and shipping details

|                       |                      |
|-----------------------|----------------------|
| Category              | 21158 - 8501 XO (AC) |
| Discount Schedule     | CP2                  |
| GTIN                  | 00785901018377       |
| Nbr. of units in pkg. | 1                    |
| Package weight(Lbs)   | 2 lb(US) (0.91 kg)   |
| Returnability         | No                   |
| Country of origin     | MX                   |

## Offer Sustainability

|                            |                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------|
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                            |
| RoHS exemption information | <a href="#">Yes</a>                                                                            |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                  |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                        |

## Contractual warranty

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