

# Product data sheet

Specifications

SQUARE D



## Timing Relay - One Minute Off-Delay with 24VAC Coil with 4 NO Contacts

8501XO40XTD1V01

⚠ Discontinued on: Oct 11, 2019

⚠ Discontinued

### Main

|                 |                   |
|-----------------|-------------------|
| Range           | 8501X             |
| Relay Type      | Timing            |
| Product         | Relay             |
| Current Rating  | 10 A AC<br>5 A DC |
| Number Of Poles | 4P                |
| Voltage Rating  | 600 V AC          |

### Complementary

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coil Voltage          | 24 V AC 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Coil Voltage Limints  | Operational 0.85...1.1 Uc AC 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Breaking Current      | 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 |
| Making Current        | 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 |
| Time Delay Type       | Off-delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Time Delay Time       | 0.2...60 s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Coil Inrush Power     | 148 VA 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Coil Sealed Power     | 23 VA 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Device Operating Time | 15 ms - pick-up<br>16 ms - drop-out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Contact Configuration | 4 NO 4 standard contact cartridges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Electrical Connection | Screw clamp terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Wire Gauge            | AWG 18...AWG 12 copper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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

|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| Terminal Tightening Torque  | Control circuit 9.03...12.04 lbf.in (1.02...1.36 N.m) screw terminal |
| Mounting Type               | Panel                                                                |
| Operating Temperature Range | -40...160 °F (-40...71 °C)                                           |
| Height                      | 3.5 in (88.90 mm)                                                    |
| Width                       | 2.23 in (56.64 mm)                                                   |
| Depth                       | 6.55 in (166.37 mm)                                                  |

## Environment

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Product Certifications | CSA LR60905 class 3211 03<br>UL listed file E78403 CCN NKCR |
|------------------------|-------------------------------------------------------------|

## Ordering and shipping details

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

## Contractual warranty

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