



## Main

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

## Complementary

|  |   |
|--|---|
| Coil Voltage   | 48 V DC   |
| Control circuit voltage limits                         | 0.8...1.1 U <sub>c</sub> operational DC   |
| Rated breaking capacity                                | 6 A at: 120 V AC for inductive load control circuit per UL 508<br>3 A at: 240 V AC for inductive load control circuit per UL 508<br>1.5 A at: 480 V AC for inductive load control circuit per UL 508<br>1.2 A at: 600 V AC for inductive load control circuit per UL 508<br>10 A at: <= 600 V AC for resistive load control circuit per UL 508<br>1.1 A at: 125 V DC for inductive load control circuit per UL 508<br>0.55 A at: 250 V DC for inductive load control circuit per UL 508<br>0.2 A at: 301...600 V DC for inductive load control circuit per UL 508<br>4 A at: 125 V DC for resistive load control circuit per UL 508<br>0.8 A at: 250 V DC for resistive load control circuit per UL 508 |
| [I <sub>cm</sub> ] rated short-circuit making capacity | 60 A at: 120 V AC for inductive load control circuit per UL 508<br>30 A at: 240 V AC for inductive load control circuit per UL 508<br>15 A at: 480 V AC for inductive load control circuit per UL 508<br>12 A at: 600 V AC for inductive load control circuit per UL 508<br>10 A at: <= 600 V AC for resistive load control circuit per UL 508<br>1.1 A at: 125 V DC for inductive load control circuit per UL 508<br>0.55 A at: 250 V DC for inductive load control circuit per UL 508<br>0.2 A at: 301...600 V DC for inductive load control circuit per UL 508<br>4 A at: 125 V DC for inductive load control circuit per UL 508<br>0.8 A at: 250 V DC for resistive load control circuit per UL 508 |
| Inrush power in W                                      | 18 W  |
| Hold-in power consumption in W                         | 18 W  |
| Operating time   | 37 ms pick-up<br>21 ms drop-out   |

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

|                       |   |
|-----------------------|---|
| Contact Configuration | 4 NO 4 standard contact cartridges              |
| Electrical connection | Screw clamp terminals                           |
| AWG gauge             | AWG 18...AWG 12 copper                          |
| Tightening torque     | 1.02...1.36 N.m control circuit screw terminals |
| Mounting Type         | Panel   |
| Height                | 3.56 in   |
| Width                 | 2.23 in   |
| Depth                 | 5.17 in   |

## Environment

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

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1332 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product Environmental Profile</a>  |
| Product end of life instructions | Available<br><a href="#">End of Life Information</a>  |

## Contractual warranty

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