



Main

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| Range | 8501X |
| Relay Type | Control |
| Product | Relay |
| Current Rating | 10 A AC 5 A DC |

Complementary

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|--|--|
| Coil Voltage | 24 V DC |
| Control circuit voltage limits | 0.8...1.1 U _c operational DC |
| Rated breaking capacity | 6 A at: 120 V AC for inductive load control circuit per UL 508 3 A at: 240 V AC for inductive load control circuit per UL 508 1.5 A at: 480 V AC for inductive load control circuit per UL 508 1.2 A at: 600 V AC for inductive load control circuit per UL 508 10 A at: ≤ 600 V AC for resistive load control circuit per UL 508 1.1 A at: 125 V DC for inductive load control circuit per UL 508 0.55 A at: 250 V DC for inductive load control circuit per UL 508 0.2 A at: 301...600 V DC for inductive load control circuit per UL 508 4 A at: 125 V DC for resistive load control circuit per UL 508 0.8 A at: 250 V DC for resistive load control circuit per UL 508 |
| [I _{cm}] rated short-circuit making capacity | 60 A at: 120 V AC for inductive load control circuit per UL 508 30 A at: 240 V AC for inductive load control circuit per UL 508 15 A at: 480 V AC for inductive load control circuit per UL 508 12 A at: 600 V AC for inductive load control circuit per UL 508 10 A at: ≤ 600 V AC for resistive load control circuit per UL 508 1.1 A at: 125 V DC for inductive load control circuit per UL 508 0.55 A at: 250 V DC for inductive load control circuit per UL 508 0.2 A at: 301...600 V DC for inductive load control circuit per UL 508 4 A at: 125 V DC for inductive load control circuit per UL 508 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 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

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|-----------------------|---|
| 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

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

Offer Sustainability

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

Contractual warranty

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