



## Main

|                           |                   |
|---------------------------|-------------------|
| Range of product          | 8501X             |
| Relay type                | Control           |
| Product or component type | Relay             |
| [In] rated current        | 10 A AC<br>5 A DC |

## Complementary

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Uc] control circuit voltage              | 110 V AC 50 Hz<br>120 V AC 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Control circuit voltage limits            | 0.85...1.1 Uc operational AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 |
| [Icm] 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 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>16 ms drop-out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Contacts type and composition             | 3 NO 3 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 support                          | Panel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Height                                    | 3.5 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Width                                     | 2.23 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Depth                                     | 3.95 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Environment

|                                       |                                                             |
|---------------------------------------|-------------------------------------------------------------|
| ambient air temperature for operation | -40...160 °F                                                |
| product certifications                | UL listed file E78403 CCN NKCR<br>CSA LR60905 class 3211 03 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

|                                                                                                                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Green Premium product                                                                                                            | Green Premium product                                                                                                            |
| Compliant - since 1332 - Schneider Electric declaration of conformity                                                            | Compliant - since 1332 - Schneider Electric declaration of conformity                                                            |
| Reference not containing SVHC above the threshold                                                                                | Reference not containing SVHC above the threshold                                                                                |
| Available                                                                                                                        | Available                                                                                                                        |
| Available                                                                                                                        | Available                                                                                                                        |
| WARNING: This product can expose you to chemicals including:                                                                     | WARNING: This product can expose you to chemicals including:                                                                     |
| Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

Contractual warranty

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

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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