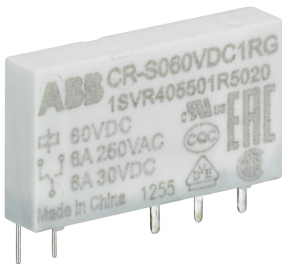




PRODUCT-DETAILS

# CR-S024VDC1R

## CR-S024VDC1R Pluggable interface relay 1c/o, A1-A2=24VDC, Output=6A/250VAC



| General Information   |  |
|-----------------------|--|
| Extended Product Type | CR-S024VDC1R   |
| Product ID            | 1SVR405501R3010  |
| EAN                   | 4013614499128  |
| Catalog Description   | CR-S024VDC1R Pluggable interface relay 1c/o, A1-A2=24VDC, Output=6A/250VAC   |
| Long Description      | <p>The CR-S024VDC1R is a slim pluggable interface relay is suitable for direct mounting on a printed circuit board or use in conjunction with ABB's sockets. Plugged into a socket, the combination of relay and socket may be seamlessly snap-on mounted onto a DIN Rail. This relay operates with a 24 V DC rated control supply voltage and has a 1 c/o (SPDT) output with contacts rated at 250 V / 6 A. This slim pluggable interface relays may be used for electrical isolation, amplification and signal matching. The CR-S relays are 6.2 mm wide and therefore allow for the switching of high currents on a small footprint. Moreover, CR-S relays are UL 94-V0 certified, improving safety by providing high levels flame retardation. Screw and spring sockets, jumper bars and markers are available as accessories.</p> |

| Ordering               |               |
|------------------------|---------------|
| EAN                    | 4013614499128 |
| Minimum Order Quantity | 10 piece      |
| Customs Tariff Number  | 85364900      |

| Popular Downloads                 |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 2CDC110004C0210_05 |
| Instructions and Manuals          | 2CDC117022D0201    |
| CAD Dimensional Drawing           | 2CDC001079B0201    |

| Dimensions                 |          |
|----------------------------|----------|
| Product Net Width          | 5 mm     |
| Product Net Height         | 15 mm    |
| Product Net Depth / Length | 28 mm    |
| Product Net Weight         | 0.005 kg |

| Technical   |   |
|---|---|
| Function  | Pluggable slim interface relay CR-S             |
| Sub-Function                                      | Relay with standard contacts                    |
| Rated Control Supply Voltage (U <sub>s</sub> )    | 24 V DC   |
| Output  | 1 c/o (SPDT) contact                            |
| Output Signal                                     | 250 V / 6 A                                     |
| Rated Operational Current AC-12 (I <sub>ø</sub> ) | (230 V) 6 A                                     |
| Rated Operational Current DC-12 (I <sub>ø</sub> ) | (24 V) 6 A                                      |
| Rated Operational Current DC-13 (I <sub>ø</sub> ) | (24 V) 1 A                                      |
| Degree of Protection                              | IP20  |
| Overvoltage Category                              | III   |
| Pollution Degree                                  | 2   |
| Standards   | CAN/CSA C22.2 No.14<br>IEC/EN 61810-1<br>UL 508 |

| Environmental           |  |
|-------------------------|--|
| Ambient Air Temperature | Operation -40 ... +85 °C<br>Storage 0 ... +40 °C |

| Material Compliance                         |                                   |
|---|-----------------------------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                   |
| RoHS Information                            | 1SVD981001-4400                   |
| RoHS Status                                 | Following EU Directive 2011/65/EU |

| Circular Value            |                 |
|---------------------------|-----------------|
| Environmental Information | 1SAA981009-2403 |

| Certificates and Declarations    |                 |
|----------------------------------|-----------------|
| CQC Certificate                  | CQC_14002108002 |
| © 2024 ABB. All rights reserved. |                 |
| 2024/04/12                       |                 |
| Subject to change without notice |                 |

|                                   |                             |
|-----------------------------------|-----------------------------|
| CSA Certificate                   | CSA_262671-2785865          |
| cUR Certificate                   | cUR_E244330                 |
| Declaration of Conformity<br>- CE | No declaration needed       |
| EAC Certificate                   | EAC_RU_C-DE.ME77.B.00443-19 |
| UR Certificate                    | UR_E244330                  |
| VDE Certificate                   | VDE_40039479                |

Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 10 piece  |
| Package Level 1 Width             | 300 mm        |
| Package Level 1 Depth /<br>Length | 7.4 mm        |
| Package Level 1 Height            | 23.7 mm       |
| Package Level 1 Gross<br>Weight   | 0.06 kg       |
| Package Level 1 EAN               | 4013614486456 |

Classifications

|                            |                            |
|----------------------------|----------------------------|
| Object Classification Code | K                          |
| ETIM 7                     | EC001437 - Switching relay |
| ETIM 8                     | EC001437 - Switching relay |
| ETIM 9                     | EC001437 - Switching relay |
| eClass                     | V11.0 : 27371601           |
| UNSPSC                     | 39122331                   |
| E-Number (Finland)         | 2712354                    |
| E-Number (Sweden)          | 4001384                    |

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Interface Relays and Optocouplers

