



PRODUCT-DETAILS

# CR-U110AC3L

## CR-U110AC3L Pluggable interface relay 3c/o, A1-A2=110VAC, 250V/10A, LED



General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | CR-U110AC3L   |
| Product ID            | 1SVR405622R7100   |
| EAN                   | 4013614498718   |
| Catalog Description   | CR-U110AC3L Pluggable interface relay 3c/o, A1-A2=110VAC, 250V/10A, LED |

Long Description

The CR-U110AC3L pluggable interface relay is a universal relay and is also commonly referred to as an ice cube relay. CR-U relays may be plugged into CR-U sockets and this combination of relay and socket may be seamlessly snap-on mounted onto a DIN Rail. CR-U relays have robust circular pin terminals, designed and manufactured to handle tough, repetitive-use applications and are more durable than standard relays. This relay operates with a 110 V AC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A, enabling the possibility of switching multiple circuits with a single input signal. The relay has an integrated test button which is used for the manual actuation of the relay by locking its output contacts. The test button facilitates easy testing and commissioning. The relay also has an integrated LED, which provides the visual indication of the energization of the relay coil. Standard sockets, logic sockets, pluggable function modules, holders and markers are available as accessories.

Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 4013614498718 |
| Minimum Order Quantity | 10 piece      |
| Customs Tariff Number  | 85364900      |

|                                   |                    |
|-----------------------------------|--------------------|
| <b>Popular Downloads</b>          |                    |
| Data Sheet, Technical Information | 2CDC110004C0210_05 |
| Instructions and Manuals          | 1SVC405600M9000    |
| CAD Dimensional Drawing           | 2CDC001079B0201    |

|                            |          |
|----------------------------|----------|
| <b>Dimensions</b>          |          |
| Product Net Width          | 35 mm    |
| Product Net Height         | 54.4 mm  |
| Product Net Depth / Length | 35 mm    |
| Product Net Weight         | 0.083 kg |

|   |   |
|---|---|
| <b>Technical</b>                                  |   |
| Function  | Pluggable universal interface relay CR-U                        |
| Sub-Function                                      | Relay with built in LED   |
| Rated Control Supply Voltage (U <sub>s</sub> )    | 110 V AC  |
| Rated Operational Voltage                         | 250 V AC  |
| Rated Frequency (f)                               | 50 / 60 Hz  |
| Output  | 3 c/o (SPDT) contacts   |
| Output Signal                                     | 250 V / 10 A  |
| Terminal Type                                     | Pin   |
| Rated Operational Current AC-12 (I <sub>θ</sub> ) | (230 V) 10 A  |
| Rated Operational Current AC-15 (I <sub>θ</sub> ) | (120 V) 3 A<br>(230 V) 1.5 A                                    |
| Rated Operational Current DC-12 (I <sub>θ</sub> ) | (24 V) 10 A   |
| Rated Operational Current DC-13 (I <sub>θ</sub> ) | (24 V) 2 A<br>(250 V) 0.1 A                                     |
| Rated Insulation Voltage (U <sub>i</sub> )        | 250 V   |
| Degree of Protection                              | IP40  |
| Mounting Position                                 | 1   |
| Standards   | CAN/CSA C22.2 No.14<br>IEC/EN 63000<br>IEC/EN 61810-1<br>UL 508 |

|                                  |          |
|----------------------------------|----------|
| <b>Technical UL/CSA</b>          |          |
| Maximum Operating Voltage UL/CSA | 300 V AC |
| Pilot Duty UL/CSA                | B300     |
| Flammability According to UL94   | HB       |

|  |  |
|--|--|
| <b>Environmental</b>                   |  |
| Ambient Air Temperature                | Operation -40 ... +55 °C<br>Storage -40 ... +85 °C |
| Maximum Operating Altitude Permissible | Without Derating 2000 m                            |

|   |                                   |
|---|-----------------------------------|
| <b>Material Compliance</b>                  |                                   |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                   |
| RoHS Information                            | 1SVD982021-0003                   |
| RoHS Status                                 | Following EU Directive 2011/65/EU |

|                           |                 |
|---------------------------|-----------------|
| <b>Circular Value</b>     |                 |
| Environmental Information | 1SAA981009-2401 |

|                                      |                             |
|--------------------------------------|-----------------------------|
| <b>Certificates and Declarations</b> |                             |
| CCC Certificate                      | CCC_2017010303949759        |
| CQC Certificate                      | CQC2017010303949759         |
| CSA Certificate                      | CSA_1587291                 |
| Declaration of Conformity - CCC      | 2020980303000199            |
| Declaration of Conformity - CE       | 1SVD982021-0003             |
| Declaration of Conformity - UKCA     | 1SVD982021-1000             |
| EAC Certificate                      | EAC_RU_C-DE.ME77.B.00446-19 |
| LR Certificate                       | LR_05_20002_E5              |
| RMRS Certificate                     | RMRS_1740019250             |
| UR Certificate                       | UR_E244330                  |
| VDE Certificate                      | VDE_40019116                |

|                                |               |
|--------------------------------|---------------|
| <b>Container Information</b>   |               |
| Package Level 1 Units          | box 10 piece  |
| Package Level 1 Width          | 182 mm        |
| Package Level 1 Depth / Length | 77 mm         |
| Package Level 1 Height         | 76 mm         |
| Package Level 1 Gross Weight   | 0.87 kg       |
| Package Level 1 EAN            | 4013614374319 |

|                            |                            |
|----------------------------|----------------------------|
| <b>Classifications</b>     |                            |
| 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)         | 2712782                    |

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## Categories

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

Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)

