

## PRODUCT-DETAILS

# CR-P012DC2

## CR-P012DC2 Pluggable interface relay 2c/o, A1-A2=12VDC, 250V/8A



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | CR-P012DC2  |
| Product ID            | 1SVR405601R4000   |
| EAN                   | 4013614498268   |
| Catalog Description   | CR-P012DC2 Pluggable interface relay 2c/o, A1-A2=12VDC, 250V/8A |

#### Long Description

The CR-P012DC2 pluggable interface relay is suitable for direct mounting on a printed circuit board or use in conjunction with ABB's sockets. This relay operates with a 12 V DC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 8 A, enabling the possibility of switching multiple circuits with a single input signal. Coupled with a socket, the compact size of this relay offers possibilities to save space within a control panel. Furthermore, with an IP degree of 67, this relay offers complete protection against ingress of dust and airborne particles & protection against water and liquids, up to and including immersion in up to one meter of water. Standard sockets, logical sockets, pluggable function modules, holder and marker are available as accessories.

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 4013614498268 |
| Minimum Order Quantity | 10 piece      |
| Customs Tariff Number  | 85364900      |

### Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 2CDC110004C0210_05 |
| Instructions and Manuals          | 1SVC405600M9000    |
| CAD Dimensional                   | 2CDC001079B0201    |

## Drawing

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**Dimensions**

|                            |          |
|----------------------------|----------|
| Product Net Width          | 12.7 mm  |
| Product Net Height         | 15.7 mm  |
| Product Net Depth / Length | 29 mm    |
| Product Net Weight         | 0.014 kg |

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**Technical**

|  |                                    |
|--|------------------------------------|
| Function   | Pluggable pcb interface relay CR-P |
| Sub-Function                                     | Relay w/o built in LED             |
| Rated Control Supply Voltage ( $U_s$ )           | 12 V DC                            |
| Rated Operational Voltage                        | 400 V AC                           |
| Output   | 2 c/o (SPDT) contacts              |
| Output Signal                                    | 250 V / 8 A                        |
| Terminal Type                                    | Soldering Pins                     |
| Rated Operational Current AC-12 ( $I_{\theta}$ ) | (230 V) 8 A                        |
| Rated Operational Current AC-15 ( $I_{\theta}$ ) | (120 V) 3 A<br>(230 V) 1.5 A       |
| Rated Operational Current DC-12 ( $I_{\theta}$ ) | (24 V) 8 A                         |
| Rated Operational Current DC-13 ( $I_{\theta}$ ) | (24 V) 2 A<br>(250 V) 0.1 A        |
| Rated Insulation Voltage ( $U_i$ )               | 400 V                              |
| Degree of Protection                             | IP67                               |
| Mounting Position                                | 1                                  |
| Standards  | IEC/EN 61810-1                     |

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**Technical UL/CSA**

|                                  |          |
|----------------------------------|----------|
| Maximum Operating Voltage UL/CSA | 300 V AC |
| Contact Rating UL/CSA            | B300     |
| Pilot Duty UL/CSA                | B300     |
| Flammability According to UL94   | V-0      |

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**Environmental**

|  |  |
|--|--|
| Ambient Air Temperature                | Operation -40 ... +85 °C<br>Storage -40 ... +85 °C |
| Maximum Operating Altitude Permissible | Without Derating 2000 m                            |
| RoHS Status                            | Following EU Directive 2011/65/EU                  |

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**Certificates and Declarations (Document Number)**

|                                 |                      |
|---------------------------------|----------------------|
| CCC Certificate                 | CCC_2007010303228779 |
| CSA Certificate                 | CSA_1587291          |
| cUR Certificate                 | cUR_E244330          |
| Declaration of Conformity - CCC | 2020970303000496     |
| Declaration of Conformity - CE  | 1SVD982031-0001      |

|                                     |                             |
|-------------------------------------|-----------------------------|
| Declaration of Conformity<br>- UKCA | 1SVD982031-1000             |
| EAC Certificate                     | EAC_RU_C-DE.ME77.B.00446-19 |
| Environmental Information           | 1SAA981009-2401             |
| Instructions and Manuals            | 1SVC405600M9000             |
| RMRS Certificate                    | RMRS_1740019250             |
| RoHS Information                    | 1SVD982031-0000             |
| UR Certificate                      | UR_E244330                  |
| VDE Certificate                     | VDE_40019129                |

Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 10 piece  |
| Package Level 1 Width             | 332 mm        |
| Package Level 1 Depth /<br>Length | 17 mm         |
| Package Level 1 Height            | 28 mm         |
| Package Level 1 Gross<br>Weight   | 0.157 kg      |
| Package Level 1 EAN               | 4013614372988 |

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)         | 2712737                    |

Categories

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

