PRODUCT-DETAILS

# CR-M024AC3

## CR-M024AC3 Pluggable interface relay 3c/o, A1-A2=24VAC, 250V/10A



### General Information

| | |
|---|---|
| Extended Product Type | CR-M024AC3 |
| Product ID | 1SVR405612R0000 |
| EAN | 4013614497445 |
| Catalog Description | CR-M024AC3 Pluggable interface relay 3c/o, A1-A2=24VAC, 250V/10A |
| Long Description | The CR-M024AC3 pluggable interface relay is a miniature relay, which is to be plugged into a suitable ABB CR-M socket. Plugged into a socket, the combination of relay and socket may be seemlessly snap-on mounted onto a DIN Rail.This relay operates with a 24 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 it's 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. Standard sockets, logical sockets, pluggable function modules, holder and marker are available as accessories. |

### Ordering

| | |
|---|---|
| EAN | 4013614497445 |

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

## Popular Downloads

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

## Dimensions

| | |
|---|---|
| Product Net Width | 21.2 mm |
| Product Net Height | 35.6 mm |
| Product Net Depth / Length | 27.5 mm |
| Product Net Weight | 0.033 kg |

## Technical

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|---|---|
| Function | Pluggable miniature interface relay CR-M |
| Sub-Function | Relay w/o built in LED |
| Rated Control Supply Voltage ($U_s$) | 24 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 | Flat-Pin Connections |
| Rated Operational Current AC-12 ($I_e$) | (230 V) 10 A |
| Rated Operational Current AC-15 ($I_e$) | (120 V) 3 A<br>(230 V) 1.5 A |
| Rated Operational Current DC-12 ($I_e$) | (24 V) 10 A |
| Rated Operational Current DC-13 ($I_e$) | (24 V) 2.5 A<br>(250 V) 0.1 A |
| Rated Insulation Voltage ($U_i$) | 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 |

## Technical UL/CSA

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

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## Environmental

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

## Material Compliance

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

## Circular Value

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|---|---|
| Environmental Information | 1SAA981009-2401 |

## Certificates and Declarations

| | |
|---|---|
| CCC Certificate | CCC_2014010303720193 |
| CQC Certificate | CQC2014010303720193 |
| CSA Certificate | CSA_2735700 |
| cUR Certificate | cUR_E244330 |
| Declaration of Conformity - CCC | 2020980303000200 |
| Declaration of Conformity - CE | 1SVD982021-0003 |
| Declaration of Conformity - UKCA | 1SVD982021-1000 |
| EAC Certificate | EAC_RU_C-DE.ME77.B.00446-19 |
| RMRS Certificate | RMRS_1740019250 |
| UR Certificate | UR_E244330 |
| VDE Certificate | VDE_40040327 |

## Container Information

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|---|---|
| Package Level 1 Units | box 10 piece |
| Package Level 1 Width | 114 mm |
| Package Level 1 Depth / Length | 50 mm |
| Package Level 1 Height | 61 mm |
| Package Level 1 Gross Weight | 0.35 kg |
| Package Level 1 EAN | 4013614373312 |

## Classifications

| | |
|---|---|
| Object Classification Code | K |

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|---|---|
| ETIM 7 | EC001437 - Switching relay |
| ETIM 8 | EC001437 - Switching relay |
| ETIM 9 | EC001437 - Switching relay |
| eClass | V11.0 : 27371601 |
| UNSPSC | 39122331 |
| E-Number (Finland) | 2712651 |
| E-Number (Norway) | 4187368 |
| E-Number (Sweden) | 4005339 |

## Categories

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




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