

# CR-M220DC3L



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

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | CR-M220DC3L  |
| <b>Product ID:</b>            | 1SVR405612R9100  |
| <b>EAN:</b>                   | 4013614497681  |
| <b>Catalog Description:</b>   | CR-M220DC3L Pluggable interface relay 3c/o, A1-A2=220VDC, 250V/10A, LED  |
| <b>Long Description:</b>      | The CR-M220DC3L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 220 V DC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories. |

## Additional Information

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| <b>CCC Certificate:</b>                   | CCC_2014010303720193  |
| <b>CSA Certificate:</b>                   | CSA_2735700   |
| <b>Contact Material:</b>                  | silver-nickel alloy (AgNi)  |
| <b>Country of Origin:</b>                 | Poland (PL)   |
| <b>Customs Tariff Number:</b>             | 85364900  |
| <b>Data Sheet, Technical Information:</b> | 2CDC117002D0204   |
| <b>Declaration of Conformity - CE:</b>    | 1SVD982021-0000   |
| <b>Degree of Protection:</b>              | IP40  |
| <b>EAC Certificate:</b>                   | EAC_RU_C-PL.ME77.B.01873  |
| <b>EAN:</b>                               | 4013614497681   |
| <b>EPLAN Catalog Tree:</b>                | Electrical engineering / Relays, contactors / General   |
| <b>EPLAN Function Definition:</b>         | Coil / Coil, 2 connection points / Coil, general A1_A2<br>Change-over contact / Change-over contact, 3 connection points / Change-over auxiliary contact 12_11_14<br>Change-over contact / Change-over contact, 3 connection points / Change-over auxiliary contact 22_21_24<br>Change-over contact / Change-over contact, 3 connection points / Change-over auxiliary contact 32_31_34 |
| <b>ETIM 4:</b>                            | EC001437 - Switching relay  |
| <b>ETIM 5:</b>                            | EC001437 - Switching relay  |
| <b>ETIM 6:</b>                            | EC001437 - Switching relay  |
| <b>Environmental Information:</b>         | 1SAA981009-2401   |
| <b>Function:</b>                          | Pluggable miniature interface relay CR-M  |
| <b>IIT Publishing Status:</b>             | Level 0 - Information enabled   |
| <b>Industrial IT Certification Level:</b> | 0   |
| <b>Instructions and Manuals:</b>          | 1SVC405600M9000   |
| <b>Integrated Free-Wheeling Diode:</b>    | No  |
| <b>Interface Relay Type:</b>              | Pluggable Miniature   |
| <b>Invoice Description:</b>               | CR-M220DC3L Pluggable interface relay 3c/o, A1-A2=220VDC, 250V/10A, LED   |
| <b>Manual Operation:</b>                  | Yes   |
| <b>Maximum Switching Voltage:</b>         | 250 V   |
| <b>Minimum Order Quantity:</b>            | 10 piece  |
| <b>Number of Contacts CO:</b>             | 3   |
| <b>Number of Contacts NC:</b>             | 0   |
| <b>Number of Contacts NO:</b>             | 0   |
| <b>Number of LEDs:</b>                    | 1   |

|   |   |
|---|---|
| Object Classification Code:                     | K   |
| Output:   | 3 c/o (SPDT) contacts                           |
| Output Current:                                 | 10 A  |
| Output Signal:                                  | 250 V / 10 A                                    |
| Package Level 1 EAN:                            | 4013614375651                                   |
| Package Level 1 Gross Weight:                   | 0.35 kg   |
| Package Level 1 Height:                         | 61 mm   |
| Package Level 1 Length:                         | 50 mm   |
| Package Level 1 Units:                          | 10 piece  |
| Package Level 1 Width:                          | 114 mm  |
| Power Loss:                                     | Approximately 5 W                               |
| Product Main Type:                              | CR-M  |
| Product Name:                                   | Pluggable Interface Relay                       |
| Product Net Depth:                              | 27.5 mm   |
| Product Net Height:                             | 35.6 mm   |
| Product Net Weight:                             | 0.033 kg  |
| Product Net Width:                              | 21.2 mm   |
| RMRS Certificate:                               | RMRS_1740019250                                 |
| Rated Control Supply Voltage (U <sub>s</sub> ): | 220 V DC  |
| Rated Operational Current (I <sub>b</sub> ):    | 10 A  |
| Regulatory Compliance Mark (RCM):               | No  |
| RoHS Date:                                      | 1146  |
| RoHS Information:                               | 1SVD981001-4400                                 |
| RoHS Status:                                    | Following EU Directive 2011/65/EC               |
| Selling Unit of Measure:                        | piece   |
| Short Description:                              | CR-M220DC3L Pluggable interface relay           |
| Standards:                                      | IEC/EN 61810-1<br>UL 508<br>CAN/CSA C22.2 No.14 |
| Sub-Function:                                   | Relay with built in LED                         |
| UNSPSC:   | 39121500  |
| UR Certificate:                                 | UR_E244330                                      |
| VDE Certificate:                                | VDE_40040327                                    |
| cUR Certificate:                                | cUR_E244330                                     |
| eClass:   | 7.0 27371601                                    |

