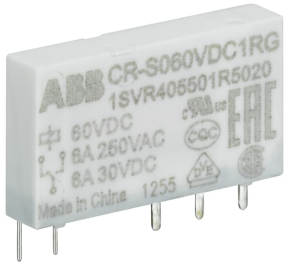
PRODUCT-DETAILS

# CR-S005VDC1RG

## CR-S005VDC1RG Pluggable interface relay 1c/o, A1-A2=5VDC, Output=6A/250VAC




### General Information

| | |
|---|---|
| Extended Product Type | CR-S005VDC1RG |
| Product ID | 1SVR405501R1020 |
| EAN | 4013614499098 |
| Catalog Description | CR-S005VDC1RG Pluggable interface relay 1c/o, A1-A2=5VDC, Output=6A/250VAC |
| Long Description | The CR-S005VDC1RG is a slim pluggable interface relay, with gold-plated output contacts, which 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 seemlessly snap-on mounted onto a DIN Rail. This relay operates with a 05 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. Its gold-plated contacts ensure contact reliability particularly necessary in applications where small currents and loads are to be switched. 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. |

### Ordering

| | |
|---|---|
| EAN | 4013614499098 |
| Minimum Order Quantity | 10 piece |
| Customs Tariff Number | 85364900 |

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## 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 gold-plated contacts |
| Rated Control Supply Voltage ($U_s$) | 5 V DC |
| Output | 1 c/o (SPDT) contact |
| Output Signal | 250 V / 6 A |
| Rated Operational Current AC-12 ($I_e$) | (230 V) 6 A |
| Rated Operational Current DC-12 ($I_e$) | (24 V) 6 A |
| Rated Operational Current DC-13 ($I_e$) | (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 |

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## Certificates and Declarations

| | |
|---|---|
| CQC Certificate | CQC_14002108002 |
| CSA Certificate | CSA_262671-2785865 |
| cUR Certificate | cUR_E244330 |
| Declaration of Conformity - 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 / Length | 7.4 mm |
| Package Level 1 Height | 23.7 mm |
| Package Level 1 Gross Weight | 0.06 kg |
| Package Level 1 EAN | 4013614486425 |

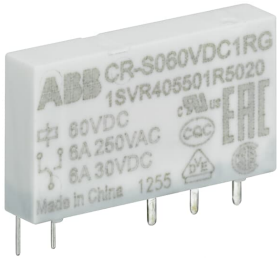
## Classifications

| | |
|---|---|
| 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) | 2712363 |
| E-Number (Sweden) | 4001381 |

## Categories

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

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