

## PRODUCT-DETAILS

# CR-P012DC1

## CR-P012DC1 Pluggable interface relay 1c/o, A1-A2=12VDC, 250V/16A



### General Information

Extended Product Type	CR-P012DC1
Product ID	1SVR405600R4000
EAN	4013614498176
Catalog Description	CR-P012DC1 Pluggable interface relay 1c/o, A1-A2=12VDC, 250V/16A

### Long Description

The CR-P012DC1 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 1 c/o (SPDT) output with contacts rated at 250 V / 16 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	4013614498176
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
Rated Frequency (f)	50 / 60 Hz
Output	1 c/o (SPDT) contact
Output Signal	250 V / 16 A
Terminal Type	Soldering Pins
Rated Operational Current AC-12 ( $I_{\theta}$ )	(230 V) 16 A
Rated Operational Current AC-15 ( $I_{\theta}$ )	(120 V) 3 A (230 V) 1.5 A
Rated Operational Current DC-12 ( $I_{\theta}$ )	(24 V) 16 A
Rated Operational Current DC-13 ( $I_{\theta}$ )	(24 V) 2.5 A (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
Pilot Duty UL/CSA	B300
Flammability According to UL94	V-0

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**Environmental**

Ambient Air Temperature	Operation -40 ... +85 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m
RoHS Information	1SVD982031-0000
RoHS Status	Following EU Directive 2011/65/EU

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**Certificates and Declarations**

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

- CE	
Declaration of Conformity	1SVD982031-1000
- UKCA	
EAC Certificate	EAC_RU_C-DE.ME77.B.00446-19
RMRS Certificate	RMRS_1740019250
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 / Length	17 mm
Package Level 1 Height	28 mm
Package Level 1 Gross Weight	0.157 kg
Package Level 1 EAN	4013614372896

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)	2712736

Categories

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

