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 PRODUCT-DETAILS

# CR-P048DC1

## CR-P048DC1 Pluggable interface relay 1c/o, A1-A2=48VDC, 250V/16A




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**General Information**

Extended Product Type	CR-P048DC1
Product ID	1SVR405600R6000
EAN	4013614498190
Catalog Description	CR-P048DC1 Pluggable interface relay 1c/o, A1-A2=48VDC, 250V/16A

Long Description	<p>The CR-P048DC1 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 48 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 &amp; protection against water and liquids, up to and including immersion in up to one meter of water. Standard sockets, logical sockets, <u>pluggable function modules, holder and marker are available as accessories.</u></p>
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**Ordering**

EAN	4013614498190
Minimum Order Quantity	10 piece
Customs Tariff Number	85364900

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## Popular Downloads

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

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## Dimensions

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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

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Function	Pluggable pcb interface relay CR-P
Sub-Function	Relay w/o built in LED
Rated Control Supply Voltage ( $U_s$ )	48 V DC
Rated Operational Voltage	400 V AC
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

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

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## Environmental

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

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## Material Compliance

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Conflict Minerals	9AKK108467A5658
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Reporting Template  
(CMRT)

RoHS Information	1SVD982031-0000
RoHS Status	Following EU Directive 2011/65/EU

## Circular Value

Environmental Information	1SAA981009-2401
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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 - CE	1SVD982031-0001
Declaration of Conformity - UKCA	1SVD982031-1000
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	4013614372933

## 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)	2712744

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Categories

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

