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PRODUCT-DETAILS

## **CR-P120AC2**

## CR-P120AC2 Pluggable interface relay 2c/o, A1-A2=120VAC, 250V/8A



General Information	
Extended Product Type	CR-P120AC2
Product ID	1SVR405601R2000
EAN	4013614498244
Catalog Description	CR-P120AC2 Pluggable interface relay 2c/o, A1-A2=120VAC, 250V/8A
Long Description	The CR-P120AC2 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 120 V AC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 8 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.

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EAN	4013614498244
Minimum Order Quantity	10 piece
Customs Tariff Number	85364900

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Information   Information   Instructions and Manuals   ISVC465600M900   CAD Dimensional   2CDC001079B020   CAD Dimensional   2CDC001079B020   CAD Dimensional   2CDC001079B020   CAD Dimensional   2CDC001079B020   CAD Dimensional   CAD Dimensiona	Popular Downloads	
Instructions and Manuals		2CDC110004C0210_05
Dimensions		1SVC405600M9000
Product Net Width 12.7 mm Product Net Height 15.7 mm Product Net Depth   29 mm Length   0.014 km Product Net Weight 0.014 km  Technical  Function Pluggable pcb interface relay CR-I Relay who built in Let Rested Control Supply 120 v Am Voltage (U <sub>a</sub> ) 120 v Am Rated Operational Voltage 400 v Am Rated Frequency (f) 50 (SPD) Cutput 2 circ (SPD) Cutput 3 circ (SPD) Cutput 4 circ (SPD) Cutput 3 circ (SPD) Cutput 3 circ (SPD) Cutput 4 circ (SPD) Cutput 4 circ (SPD) Cutput 5 circ (SPD) Cutput 6 circ (SPD) Cutput 6 circ (SPD) Cutput 7 circ (SPD) Cutput 7 circ (SPD) Cutput 7 circ (SPD) Cutput 8 circ (SPD) Cutput 8 circ (SPD) Cutput 8 circ (SPD) Cutput 1 circ (SPD) Cut		2CDC001079B0201
Product Net Height	Dimensions	
Product Net Depth / Length         29 mr Length           Product Net Weight         0.014 kr           Technical           Function         Pluggable pcb interface relay CR-I Sub-Function           Rate Control Supply         120 V At Voltage (U <sub>a</sub> )           Rated Operational Voltage         400 V At Relay who built in LEI Relay (I Sub-Function)           Rated Operational Voltage         400 V At Relay (I Sub-Function)           Rated Operational Voltage         2 co (SPDT) contact Output Village           Output Signal         2 co (SPDT) contact Output Village           Terminal Type         Soldering Pin Relay Village           Rated Operational Current         (230 V) 8.           AC-12 (I <sub>a</sub> )         (230 V) 1.5.           Rated Operational Current         (24 V) 2.           CD-12 (I <sub>a</sub> )         (24 V) 2.           Rated Operational Current         (24 V) 2.           CD-12 (I <sub>a</sub> )         (25 V) V) 2.           Rated Operational Current         (24 V) 2.           CD-12 (I <sub>a</sub> )         (25 V) V) 2.           Rated Operation Voltage         (25 V) V) 2.           Quity Cols (I V) 2.         (25 V) V) 2.           Page of Protection         I P6           Mounting Position         I P6           Maximum Operating	Product Net Width	12.7 mm
Length		15.7 mm
Technical         Pluggable pcb interface relay CR-I Sub-Function         Pluggable pcb interface relay CR-I Sub-Function           Rated Control Supply         120 ∨ Art Sub-Function         Relay w/o built in LEI Relay W/o		29 mm
Function         Pluggable pcb interface relay CR-I Sub-Function         Relay w/o built in LEI	Product Net Weight	0.014 kg
Sub-Eunction         Relay w/o built in LEI           Rated Control Supply         120 V Afvoltage (U₂)           Rated Operational Voltage         400 V Afford Affo	Technical	
Rated Control Supply         120 V Ad Voltage (U₂)           Voltage (U₂)         400 V At Rated Frequency (f)           Sated Frequency (f)         50 / 60 H           Output         2 c/o (sPPT) contact           Terminal Type         Soldering Pin           Rated Operational Current Ac-C12 (I₂)         (230 V) 8.           Ac-12 (I₂)         (230 V) 8.           Ac-15 (I₀)         (230 V) 15.           Rated Operational Current DC-12 (I₀)         (24 V) 8.           DC-12 (I₀)         (24 V) 8.           DC-12 (I₀)         (25 V) 0.1.           Rated Operational Current DC-13 (I₀)         (25 V) 0.1.           Rated Insulation Voltage (U₁)         (25 V) 0.1.           Rated Insulation Voltage (U₁)         (25 V) 0.1.           Mounting Position         IEC/EN 61810-           Technical UL/CSA           Maximum Operating Voltage UL/CSA         B30           Flammability According to UL/CSA         B30           Flammability According to UL/CSA         B30           Environmental         Ambient Air Temperature         Operation -40 +70 ° Control +85 ° Control +	Function	Pluggable pcb interface relay CR-P
Voltage (U <sub>2</sub> )         400 V At Rated Operational Voltage         400 V At Rated Frequency (f)         50 f 80 H           Output (Dupt)         2 c/o (SPDT) contact (SPDT) contact (SPDT) contact (SPDT) (SPDT)         2 c/o (SPDT) contact (SPDT) (SPDT)           Terminal Type         Soldering Pin Rated Operational Current (230 V) 8 / AC-12 (U <sub>1</sub> )         (230 V) 8 / AC-15 (U <sub>2</sub> )           Rated Operational Current (PC-12 (U <sub>1</sub> )         (24 V) 8 / PC-12 (U <sub>2</sub> )           Rated Operational Current (PC-13 (U <sub>2</sub> )         (24 V) 2 / PC-12 (U <sub>2</sub> )           Rated Operational Current (U <sub>1</sub> )         (24 V) 2 / PC-13 (U <sub>2</sub> )           Rated Insulation Voltage (U <sub>1</sub> )         400           Up Operational Current (U <sub>1</sub> )         (P6 Mounting Position           Standards         IEC/EN 61810-           Technical UL/CSA           Maximum Operating (Voltage UL/CSA)         B30           Fliot Duty UL/CSA         B30           Flammability According to UL/CSA         B30           Flammability According to UL/CSA         Control of the Control		Relay w/o built in LED
Rated Frequency (f)         50 / 60 H           Output         2 c/o (SPDT) contact           Output Signal         250 V / 8 /           Terminal Type         Soldering Pin           Rated Operational Current         (230 V) 8 /           AC-12 (Ie)         (230 V) 1.5           Rated Operational Current         (24 V) 2 /           DC-12 (Ie)         (24 V) 2 /           Rated Operational Current         (24 V) 2 /           DC-13 (Ie)         (250 V) 0.1 /           Rated Operational Current         (24 V) 2 /           DC-13 (Ie)         (250 V) 0.1 /           Rated Insulation Voltage         400 °           (U <sub>1</sub> )         196           Mounting Position         196           Standards         1EC/EN 61810-           Technical UL/CSA           Maximum Operating           Voltage UL/CSA         B30           Flammability According to         V           UL94         V           Environmental         Ambient Air Temperature         Operation -40 +70 °           Maximum Operating         Vithout Derating 2000 r           Altitude Permissible         Without Derating 2000 r		120 V AC
Output Signal         250 V/ 8.           Terminal Type         Soldering Prin           Rated Operational Current         (230 V) 8.           AC-12 (I <sub>a</sub> )         (120 V) 3.           Rated Operational Current         (230 V) 15.           AC-15 (I <sub>a</sub> )         (230 V) 15.           Rated Operational Current         (24 V) 2.           DC-12 (I <sub>a</sub> )         (24 V) 2.           Rated Operational Current         (24 V) 2.           DC-13 (I <sub>a</sub> )         (250 V) 0.1.           Rated Insulation Voltage         (400 V) (I <sub>a</sub> )           U(I)         (250 V) 0.1.           Rated Insulation Voltage         (250 V) 0.1.           Rated Insulation Voltage         (250 V) 0.1.           Rated Insulation Voltage         (150 V) 0.1.           Rated Insulation Voltage         (150 V) 0.1.           Rated Insulation Voltage         (150 V) 0.1.           Picernical UL/CSA         (150 V) 0.1.           Maximum Operating         300 V At Voltage UL/CSA           Flammability According to         V.           UL/94         V.           Environmental         Ambient Air Temperature         Operation 40 +70 ° Storage 40 +85 ° Maximum Operating           Maximum Operating         Without Derating 2000 r	Rated Operational Voltage	400 V AC
Output Signal         250 V/8 / Soldering Pin           Terminal Type         Soldering Pin           Rated Operational Current AC-12 (I <sub>a</sub> )         (230 V) 8 / Soldering Pin           Rated Operational Current AC-15 (I <sub>a</sub> )         (120 V) 3 / Soldering Pin           Rated Operational Current DC-12 (I <sub>a</sub> )         (24 V) 8 / Soldering Pin           Rated Operational Current DC-12 (I <sub>a</sub> )         (24 V) 2 / Soldering Pin           Rated Operational Current DC-13 (I <sub>a</sub> )         (250 V) 0.1 / Soldering Pin           Rated Insulation Voltage (I <sub>1</sub> )         400 (I <sub>2</sub> )           Degree of Protection         IP6           Mounting Position         IEC/EN 61810-           Standards         IEC/EN 61810-           Technical UL/CSA           Maximum Operating         300 V Ar           Voltage UL/CSA         B30           Flammability According to         V-U.94           Environmental           Ambient Air Temperature         Operation -40 +70 ° (Storage -40 +85 ° (Maximum Operating Altitude Permissible	Rated Frequency (f)	50 / 60 Hz
Terminal Type		2 c/o (SPDT) contacts
Rated Operational Current AC-12 (La)         (120 ∨) 8 AC-12 (La)           Rated Operational Current AC-15 (La)         (230 ∨) 1.5 AC-15 (La)           Rated Operational Current DC-12 (La)         (24 ∨) 8 AC-12 (La)           Rated Operational Current DC-13 (La)         (24 ∨) 2 AC-13 (La)           CO-13 (La)         (250 ∨) 0.1 AC-13 (La)           Rated Insulation Voltage (La)         400 (La)           (U₁)         Degree of Protection           Mounting Position         IEC/EN 61810-           Standards         IEC/EN 61810-           Technical UL/CSA           Maximum Operating Voltage UL/CSA         300 ∨ AC-12 (La)           Pilot Duty UL/CSA         B30           Flammability According to UL-94         V-UL-94           Environmental         Ambient Air Temperature         Operation -40 +70 ° (Storage -40 +85 ° (Maximum Operating Altitude Permissible		
Rated Operational Current	Rated Operational Current	(230 V) 8 A
Rated Operational Current DC-12 (I <sub>e</sub> )         (24 V) 8 JC-12 (I <sub>e</sub> )           Rated Operational Current DC-13 (I <sub>e</sub> )         (24 V) 2 JC-13 (I <sub>e</sub> )           CC-13 (I <sub>e</sub> )         (250 V) 0.1 JC-13 (I <sub>e</sub> )           Rated Insulation Voltage (U <sub>1</sub> )         400 °C-13 (I <sub>e</sub> )           Degree of Protection IP6 Mounting Position         IEC/EN 61810-10 (IEC/EN 6181	Rated Operational Current	(120 V) 3 A (230 V) 1.5 A
DC-13 (i_e) (250 V) 0.1 / Rated Insulation Voltage (U <sub>1</sub> ) (250 V) 0.1 / Regree of Protection IP6 Mounting Position Standards IEC/EN 61810-  Technical UL/CSA  Maximum Operating 300 V At Voltage UL/CSA Pilot Duty UL/CSA B30 Flammability According to V- UL94  Environmental  Ambient Air Temperature Operating 2000 r Altitude Permissible  Without Derating 2000 r Minum Operating 2000 r Storage 40 +85 °C	Rated Operational Current	(24 V) 8 A
(U <sub>1</sub> )       Degree of Protection     IP6       Mounting Position     IEC/EN 61810-       Technical UL/CSA       Maximum Operating Voltage UL/CSA     300 V At		(24 V) 2 A (250 V) 0.1 A
Mounting Position  Standards  Technical UL/CSA  Maximum Operating Voltage UL/CSA  Pilot Duty UL/CSA  Flammability According to UL94  Environmental  Ambient Air Temperature  Operation -40 +70 ° Storage -40 +85 ° CM Aximum Operating Attitude Permissible		400 V
Standards  Technical UL/CSA  Maximum Operating 300 V Arvoltage UL/CSA  Pilot Duty UL/CSA B30  Flammability According to V-UL94  Environmental  Ambient Air Temperature Operation -40 +70 ° Storage -40 +85 ° Maximum Operating Altitude Permissible  Without Derating 2000 recommended and the storage of	Degree of Protection	IP67
Maximum Operating Voltage UL/CSA  Pilot Duty UL/CSA  Flammability According to UL94  Environmental  Ambient Air Temperature  Operation -40 +70 ° Storage -40 +85 °C  Maximum Operating Altitude Permissible		1 IEC/EN 61810-1
Maximum Operating Voltage UL/CSA  Pilot Duty UL/CSA  Flammability According to UL94  Environmental  Ambient Air Temperature  Operation -40 +70 ° Storage -40 +85 °C  Maximum Operating Altitude Permissible		
Voltage UL/ČSA  Pilot Duty UL/CSA  Flammability According to UL94  Environmental  Ambient Air Temperature  Operation -40 +70 ° Storage -40 +85 °C  Maximum Operating Altitude Permissible		
Flammability According to U-94  Environmental  Ambient Air Temperature Operation -40 +70 ° Storage -40 +85 °C  Maximum Operating Without Derating 2000 r  Altitude Permissible		300 V AC
Environmental  Ambient Air Temperature  Operation -40 +70 ° Storage -40 +85 °C  Maximum Operating Altitude Permissible  Without Derating 2000 r		B300
Ambient Air Temperature  Operation -40 +70 ° Storage -40 +85 ° Maximum Operating Altitude Permissible  Operation -40 +70 ° Storage -40 +85 ° Mithout Derating 2000 r		V-0
Ambient Air Temperature  Operation -40 +70 ° Storage -40 +85 ° Maximum Operating Altitude Permissible  Operation -40 +70 ° Storage -40 +85 ° Operation -40	Environmental	
Storage -40 +85 °C Maximum Operating Altitude Permissible  Storage -40 +85 °C Without Derating 2000 r		Operation -40 +70 °C
Altitude Permissible	·	Storage -40 +85 °C
Material Compliance		
	Material Compliance	

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Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658		
RoHS Information	1SVD982031-0000		
RoHS Status	Following EU Directive 2011/65/EU		
Circular Value			
Environmental Information	1SAA981009-2401		
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  Contained Information	VDE 40019129		
Container Information	h 40 i		
Package Level 1 Units Package Level 1 Width	box 10 piece 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	4013614373053		
Classifications			
Object Classification Code	К		
ETIM 7	EC001437 - Switching relay		
ETIM 8	EC001437 - Switching relay		
ETIM 9	EC001437 - Switching relay		
eClass	V11.0 : 27371601		
UNSPSC	39122331		
E-Number (Finland)	<u>2712751</u>		

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## Categories

 $Low\ Voltage\ Products\ \rightarrow\ Lontrol\ Products\ \rightarrow\ Electronic\ Relays\ and\ Controls\ \rightarrow\ Interface\ Relays\ and\ Optocouplers$ 





