PRODUCT-DETAILS

CR-U120AC3

CR-U120AC3 Pluggable interface relay 3c/o, A1-A2=120VAC, 250V/10A



General Information

Extended Product Type	CR-U120AC3
Product ID	1SVR405622R2000
EAN	4013614498596
Catalog Description	CR-U120AC3 Pluggable interface relay 3c/o, A1-A2=120VAC, 250V/10A
Long Description	The CR-U120AC3 pluggable interface relay is a univeral relay and is also commonly referred to as an ice cube relay. CR-U relays may be plugged into CR-U sockets and this combination of relay and socket may be seemlessly snap-on mounted onto a DIN Rail. CR-U relays have robust circular pin terminals, designed and manufactured to handle tough, repetitive-use applications and are more durable than standard relays.This relay operates with a 120 V AC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A, enabling the possibility of switching multiple circuits with a single input signal. The relay has an integrated test button which is used for the manual actuation of the relay by locking it's output contacts. The test button facilitates easy testing and commissioning. The relay also has an integrated LED, which provides the visual indication of the energization of the relay coil. Standard sockets, logic sockets, pluggable function modules, holders and markers are available as accessories.

Ordering

EAN	4013614498596
Minimum Order Quantity	10 piece
Customs Tariff Number	85364900

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Popular Downloads

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

Dimensions

Product Net Width	35 mm
Product Net Height	54.4 mm
Product Net Depth / Length	35 mm
Product Net Weight	0.083 kg

Technical

Function	Pluggable universal interface relay CR-U
Sub-Function	Relay w/o built in LED
Rated Control Supply Voltage (U_s)	120 V AC
Rated Operational Voltage	250 V AC
Rated Frequency (f)	50 / 60 Hz
Output	3 c/o (SPDT) contacts
Output Signal	250 V / 10 A
Terminal Type	Pin
Rated Operational Current AC-12 (I_e)	(230 V) 10 A
Rated Operational Current AC-15 (I_e)	(120 V) 3 A (230 V) 1.5 A
Rated Operational Current DC-12 (I_e)	(24 V) 10 A
Rated Operational Current DC-13 (I_e)	(24 V) 2 A (250 V) 0.1 A
Rated Insulation Voltage (U_i)	250 V
Degree of Protection	IP40
Mounting Position	1
Standards	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 61810-1 UL 508

Technical UL/CSA

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

Environmental

Ambient Air Temperature	Operation -40 ... +55 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m

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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
RoHS Information	1SVD982021-0003
RoHS Status	Following EU Directive 2011/65/EU

Circular Value

Environmental Information	1SAA981009-2401

Certificates and Declarations

CCC Certificate	CCC_2017010303949759
CQC Certificate	CQC2017010303949759
CSA Certificate	CSA_1587291
Declaration of Conformity - CCC	2020980303000199
Declaration of Conformity - CE	1SVD982021-0003
Declaration of Conformity - UKCA	1SVD982021-1000
EAC Certificate	EAC_RU_C-DE.ME77.B.00446-19
LR Certificate	LR_05_20002_E5
RMRS Certificate	RMRS_1740019250
UR Certificate	UR_E244330
VDE Certificate	VDE_40019116

Container Information

Package Level 1 Units	box 10 piece
Package Level 1 Width	182 mm
Package Level 1 Depth / Length	77 mm
Package Level 1 Height	76 mm
Package Level 1 Gross Weight	0.87 kg
Package Level 1 EAN	4013614374241

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)	2712789

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Categories

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



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