

PRODUCT-DETAILS

## **CR-U024DC3**

## CR-U024DC3 Pluggable interface relay 3c/o, A1-A2=24VDC, 250V/10A



## **General Information**

Extended Product Type	CR-U024DC3
Product ID	1SVR405622R1000
EAN	4013614498572
Catalog Description	CR-U024DC3 Pluggable interface relay 3c/o, A1-A2=24VDC, 250V/10A
Long Description	The CR-U024DC3 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 24 V DC 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.

Ord	ering

EAN

4013614498572

© 2024 ABB. All rights reserved.

2024/04/12

Subject to change without notice

Minimum Order Quantity	10 piece
Customs Tariff Number	85364900

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 <sub>s</sub> )	24 V DC
Rated Operational Voltage	250 V AC
Output	3 c/o (SPDT) contacts
Output Signal	250 V / 10 A
Terminal Type	Pin
Rated Operational Current AC-12 (I <sub>e</sub> )	(230 V) 10 A
Rated Operational Current AC-15 (I <sub>e</sub> )	(120 V) 3 A (230 V) 1.5 A
Rated Operational Current DC-12 (I <sub>e</sub> )	(24 V) 10 A
Rated Operational Current DC-13 (I <sub>e</sub> )	(24 V) 2 A (250 V) 0.1 A
Rated Insulation Voltage (Ui)	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	300 V AC
Voltage UL/CSA	
Contact Rating UL/CSA	B300
Pilot Duty UL/CSA	B300
Flammability According	НВ
to UL94	

© 2024 ABB. All rights reserved.

emperature Storage-40485 °C Mainum Operating Without Derating 2000 m Atterial Compliance antrict Minerals SAKK108467A558 Porting Template MATY Orbit Information DelS Information DelS Information DelS Information Status Ertificates and Declarations CC Certificate CC C_2017010303949759 CC certificate CC C_2017010303949759 CC certificate CC C_2017010303949759 SA Certificate CC C_2017010 SA SA Certificate CC C_2017010 SA SA Certificate CC C_2017010 SA SA Certificate CC C_2017010 SA SA CERTIFICATE SA SA S	Invironmental		
Astmum Operating Without Derating 2000 m  Ititude Permissible  Ititude Permissible Ititude Permissible  Ititude Permissible  Ititude Permissible Ititude Permissible  Ititude Per	mbient Air		•
Intrude Permissible  Intrude Permissible Intrude Permissible Intrude Permissible  Intrude Permissible  Intrude Permissible  Intrude Permissible  Intrude Permissible  Intrude Per			
onflict Minerals 9AKK108467A5658 Proting Template MRT) 15VD982021-0003 ohS Status Following EU Directive 2011/65/EU Circular Value Invironmental ISAA981009-2401 Certificates and Declarations CCC certificate CCC_2017010303949759 CC Certificate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCC_2017010303949759 CCCCTIficate CCCC_2017010303949759 CCCCTIficate CCCC_2017010303949759 CCCCTIficate CCCC_2017010303949759 CCCCCCCC CCC_2017010303949759 CCCCCCCC CCC_2017010303949759 CCCCCCC CCC_2017010303949759 CCCCCCCC_2017010303949759 CCCCCCCC_2017010303949759 CCCCCCCCCCCCC_2017010303949759 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Ititude Permissible		without Defailing 2000 m
eporting Template MRT DHS Information ISVD982021-0003 Status Following EU Directive 2011/65/EU Circular Value C	Aaterial Compliance		
bHS Status       Following EU Directive 2011/65/EU         Circular Value       15AA981009-2401         Information       15AA981009-2401         Certificates and Declarations       CCC_2017010303949759         CC Certificate       CCC_2017010303949759         CC Certificate       CCC_2017010303949759         CC Certificate       CCC_2017010303949759         SA Certificate       CQC2017010303949759         SA Certificate       CQC2017010303949759         SA Certificate       CQC2017010303949759         SA Certificate       CQC2017010303949759         Container Information       202099030300199         Certificate       LR_05_20002         R Certificate       RMFS Certificate         R Certificate       RMFS Certificate         R Certificate       RMFS 1740019250         R Certificate       RMFS 1740019250         R Certificate       UR_E244330         DE Certificate       VDE_40019116         Container Information       182 mm         Cackage Level 1 Units       box 10 piece         ackage Level 1 Units       box 10 piece         ackage Level 1 Cross       0.87 Kg         ackage Level 1 Cross       0.87 Kg         teight       4013614374197	Conflict Minerals eporting Template CMRT)		9AKK108467A5658
Circular Value         Intrommental       ISAA981009-2401         formation       ISAA981009-2401         formation       ISAA981009-2401         Certificates and Declarations       CCC_2017010303949759         CC Certificate       CQC2017010303949759         QC Certificate       CQC2017010303949759         onformity - CCC       0203990303000199         eclaration of       2020990303000199         onformity - CC       15VD982021-0003         onformity - CE       15VD982021-0003         onformity - CE       15VD982021-0003         onformity - UKCA       ISVD982021-0003         AC Certificate       EAC_RU_C-DE.MET7.B.00446-19         R Certificate       IRMES_1740013250         R Certificate       RMES_1740013250         R Certificate       RMES_1740013250         R Certificate       RMES_1740013250         Container Information       IRE 240019116         Container Information       182 mm         Catage Level I Units       box 10 piece	oHS Information		1SVD982021-0003
hvironmental formation  Eertificates and Declarations  CC Certificate CCC_2017010303949759 QC Certificate CCC_2017010303949759 QC Certificate CCA_2017010303949759 QC Certificate CCA_2020980303000199 onformity - CCC eclaration of SVD982021-0003 onformity - CC eclaration of SVD982021-0003 onformity - CC eclaration of SVD982021-0003 onformity - CC Eclaration of SVD982021-0003 Container Information Eclaration of Certificate CCC_2017010303949759 CCC Eclificate CCC_2017010303949759 CCC Eclificate CCC_2017010303949759 CCC Eclaration of SCOTADINE Eclificate CCC_2017010303949759 CCC Eclaration Eclificate CCC_2017010303949759 CCC Eclaration of SCOTADINE Eclificate CCC_2017010303949759 CCC Eclaration Eclificate CCC_2017010303949759 CCC Eclaration of SCOTADINE Eclificate CCC_2017010303949759 CCC Eclaration Ecliptic Eclificate CCC_2017010303949759 CCC Eclificate CCC_201701030949759 CCC Eclificate CCC_20072E5 CCC_20072E5 CCC_201701020 CCC Eclificate CCC_20072E5 CC	oHS Status		Following EU Directive 2011/65/EU
Iformation  Certificates and Declarations  CCC certificate  CCC_2017010303949759  QC certificate  CCC_2017010303949759  SA Certificate  CSA_1587291 CCC  CCC  CCC  CCC  CCC  CCC  CCC  C	Circular Value		
CC Certificate CCC_2017010303949759 QC Certificate CQC2017010303949759 SA Certificate CSA_1587291 eclaration of CSA_1587291 eclaration of SVD982021-0003 onformity - CCC eclaration of SVD982021-0003 onformity - UKCA AC Certificate EAC_RU_C-DE.ME77.B.00446-19 AC Certificate EAC_RU_C-DE.ME77.B.00446-19 AC Certificate CRMRS_1740019250 DE Certificate 0UR_E244330 DE Certificate 0UR_E244330 DE Certificate 0VDE_40019116 Container Information ackage Level 1 Units box 10 piece ackage Level 1 Depth / 77 mm ength 77 mm ength 2003 CIASSIFICATION CLASSIFICATION CLASSIF	nvironmental Iformation		1SAA981009-2401
CC Certificate CCC_2017010303949759 QC Certificate CQC2017010303949759 SA Certificate CSA_1587291 eclaration of CSA_1587291 eclaration of SVD982021-0003 onformity - CCC eclaration of SVD982021-0003 onformity - UKCA AC Certificate EAC_RU_C-DE.ME77.B.00446-19 AC Certificate EAC_RU_C-DE.ME77.B.00446-19 AC Certificate CR_RS_1740019250 DE Certificate 0UR_E244330 DE Certificate 0UR_E244330 DE Certificate 0VDE_40019116 Container Information ackage Level 1 Units box 10 piece ackage Level 1 Depth / 77 mm ength ackage Level 1 Depth / 77 mm ength ackage Level 1 Height 76 mm ackage Level 1 Gross 0.87 kg feight ackage Level 1 EAN AD Classifications bject Classification K			
QC Certificate CQC2017010303949759 SA Certificate CQC2017010303949759 SA Certificate CSA_1587291 eclaration of 2020980303000199 onformity - CC eclaration of 15VD982021-0003 onformity - CE eclaration of 15VD982021-1000 onformity - UKCA AC Certificate EAC_RU_C-DE.ME77.B.00446-19 R Certificate ILR_05_20002_E5 MRS Certificate RMRS_1740019250 R Certificate WLR_244330 DE Certificate VDE_40019116 Container Information Container Information ackage Level 1 Units box 10 piece ackage Level 1 Units Dox 10 piece ackage Level 1 Depth / 77 mm angth ackage Level 1 Fight Constrained To Sample			
SA Certificate CSA_1587291 cclaration of 2020980303000199 onformity - CCC cclaration of 15VD982021-0003 onformity - CE cclaration of 15VD982021-1000 onformity - UKCA AC Certificate EAC_RU_C-DE.ME77.B.00446-19 R Certificate ILR_05_20002_E5 MRS Certificate RMRS_1740019250 R Certificate UUR_E244330 DE Certificate UUR_E244330 DE Certificate VDE_40019116 Container Information Ccontainer Informatine Ccontainer Information Ccontainer Infor			
edaration of 202098030300199 onformity - CCC eclaration of 15VD982021-0003 onformity - CE eclaration of 15VD982021-0003 onformity - UKCA AC Certificate EAC_RU_C-DE.ME77.B.00446-19 AC Certificate ILR_05_20002_E5 MRS Certificate RMR5_1740019250 R Certificate 0UR_E244330 DE Certificate 0UR_E24434 DE Certificate 0UR_E444 DE CEREE			
onformity - CCC eclaration of ISVD982021-0003 onformity - CE eclaration of ISVD982021-0003 onformity - UKCA AC Certificate EAC_RU_C-DE.MET7.B.00446-19 R Certificate ILR_05_20002_E5 MRS Certificate RMRS_1740019250 R Certificate UR_E244330 DE Certificate UR_E244330 DE Certificate UR_E24430 DE Certificate Dox 10 piece ackage Level 1 Units box 10 piece ackage Level 1 Units Container Information Cite 1 Depth / ength ackage Level 1 Height Container Information Cite 1 Depth / ength Cite 2 Cite 2 Cite Cite 3 Cite 3 Cite Cite 3 Cite 3 Cite 3 Cite Cite 3 Cite			
onformity - CE eclaration of 15VD982021-1000 onformity - UKCA AC Certificate EAC_RU_C-DE.ME77.B.00446-19 RC Certificate ILR_05_20002_E5 MRS Certificate RMRS_1740019250 R Certificate UR_E244330 DE Certificate VDE_40019116 Container Information ackage Level 1 Units box 10 piece ackage Level 1 Units 182 mm ackage Level 1 Depth / 182 mm ength ackage Level 1 Height 76 mm ength 0.87 kg leight 0.87 kg			20203030303030303
onformity - UKCA AC Certificate EAC_RU_C-DE.ME77.B.00446-19 R Certificate LR_05_20002_E5 MRS Certificate RMRS_1740019250 R Certificate UR_E244330 DE Certificate UVDE_40019116 Container Information ackage Level 1 Units box 10 piece ackage Level 1 Units box 10 piece ackage Level 1 Units 182 mm ackage Level 1 Depth / 182 mm ackage Level 1 Depth / 77 mm ength 2000 2000 2000 2000 2000 2000 2000 20	veclaration of conformity - CE		1SVD982021-0003
R Certificate LR_05_20002_E5 MRS Certificate RMRS_1740019250 R Certificate UR_E244330 DE Certificate VDE_40019116 Container Information ackage Level 1 Units box 10 piece ackage Level 1 Width 182 mm ackage Level 1 Depth / 177 mm ength 777 mm ength 20.87 kg (eight 20.87 kg (eight 20.87 kg (eight 20.87 kg (eight 20.87 kg (eight 20.87 kg) (eight 20.87 kg (eight 20.87 kg) (eight 20.	eclaration of conformity - UKCA		1SVD982021-1000
MRS Certificate RMRS_1740019250 R Certificate UR_E244330 DE Certificate VDE_40019116 Container Information ackage Level 1 Units box 10 piece ackage Level 1 Width 182 mm ackage Level 1 Depth / 182 mm ackage Level 1 Depth / 182 mm ackage Level 1 Height 76 mm ackage Level 1 Height 76 mm ackage Level 1 Gross 0.87 kg (eight 4013614374197 Classifications bject Classification K	AC Certificate		
R Certificate UR_E244330 DE Certificate VDE_40019116 Container Information ackage Level 1 Units box 10 piece ackage Level 1 Width 182 mm ackage Level 1 Depth / 182 mm ackage Level 1 Depth / 77 mm ength ackage Level 1 Height 76 mm ackage Level 1 Height 76 mm ackage Level 1 Gross 0.87 kg (reight 4013614374197 Classifications bject Classification K			
DE Certificate VDE_40019116 VDE_40019116 Container Information Con			
Container Information ackage Level 1 Units box 10 piece ackage Level 1 Width 182 mm ackage Level 1 Depth / 177 mm ength ackage Level 1 Height 76 mm ackage Level 1 Gross 0.87 kg feight ackage Level 1 EAN 4013614374197 Classifications bject Classification K			
ackage Level 1 Units box 10 piece ackage Level 1 Width 182 mm ackage Level 1 Depth / 77 mm ength 276 mm ackage Level 1 Height 76 mm ackage Level 1 Gross 0.87 kg /eight 2000 AU3614374197	DE Certificate		VDE_40019116
ackage Level 1 Width 182 mm ackage Level 1 Depth / ength 2015 ackage Level 1 Height 76 mm ackage Level 1 Height 0.87 kg (reight 2015) ackage Level 1 EAN 4013614374197 Classifications	Container Information		
ackage Level 1 Depth / 77 mm ength ackage Level 1 Height 76 mm ackage Level 1 Gross 0.87 kg /eight ackage Level 1 EAN 4013614374197 Classifications	ackage Level 1 Units		box 10 piece
ength ackage Level 1 Height 76 mm ackage Level 1 Gross 0.87 kg /eight ackage Level 1 EAN 4013614374197 Classifications bject Classification K ode	ackage Level 1 Width		182 mm
ackage Level 1 Gross 0.87 kg leight 4013614374197 Classifications bject Classification K ode	ackage Level 1 Depth / ength		77 mm
reight ackage Level 1 EAN 4013614374197 Classifications bject Classification ode K	ackage Level 1 Height		
bject Classification K ode	ackage Level 1 Gross /eight		0.87 kg
bject Classification K ode	ackage Level 1 EAN		4013614374197
ode	Classifications		
	bject Classification ode		К
	TIM 7		EC001437 - Switching relay
2024 ABB. All rights reserved. 2024/04/12 Subject to change	2024 ABB. All rights reserved.	2024/04/12	

ETIM 8	EC001437 - Switching relay	
ETIM 9	EC001437 - Switching relay	
eClass	V11.0 : 27371601	
UNSPSC	39122331	
E-Number (Finland)	2712769	
E-Number (Sweden)	4005422	

## Categories

 $\label{eq:low-Voltage-Products-Stress-Stre$ 

