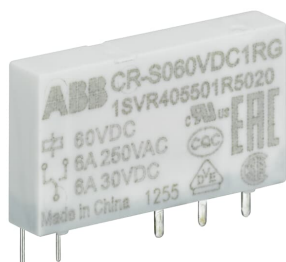


PRODUCT-DETAILS

CR-S012VDC1RG

CR-S012VDC1RG Pluggable interface relay 1c/o, A1-A2=12VDC, Output=6A/250VAC



General Information

Extended Product Type	CR-S012VDC1RG
Product ID	1SVR405501R2020
EAN	4013614499111
Catalog Description	CR-S012VDC1RG Pluggable interface relay 1c/o, A1-A2=12VDC, Output=6A/250VAC

Long Description

The CR-S012VDC1RG is a slim pluggable interface relay, with gold-plated output contacts, which is suitable for direct mounting on a printed circuit board or use in conjunction with ABB's sockets. Plugged into a socket, the combination of relay and socket may be seamlessly snap-on mounted onto a DIN Rail. 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 / 6 A. This slim pluggable interface relays may be used for electrical isolation, amplification and signal matching. Its gold-plated contacts ensure contact reliability particularly necessary in applications where small currents and loads are to be switched. The CR-S relays are 6.2 mm wide and therefore allow for the switching of high currents on a small footprint. Moreover, CR-S relays are UL 94-V0 certified, improving safety by providing high levels flame retardation. Screw and spring sockets, jumper bars and markers are available as accessories.

Ordering

EAN	4013614499111
Minimum Order Quantity	10 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2CDC110004C0210_05
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Instructions and Manuals	2CDC117022D0201
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	5 mm
Product Net Height	15 mm
Product Net Depth / Length	28 mm
Product Net Weight	0.005 kg

Technical

Function	Pluggable slim interface relay CR-S
Sub-Function	Relay with gold-plated contacts
Rated Control Supply Voltage (U_s)	12 V DC
Output	1 c/o (SPDT) contact
Output Signal	250 V / 6 A
Rated Operational Current AC-12 (I_{θ})	(230 V) 6 A
Rated Operational Current DC-12 (I_{θ})	(24 V) 6 A
Rated Operational Current DC-13 (I_{θ})	(24 V) 1 A
Degree of Protection	IP20
Overvoltage Category	III
Pollution Degree	2
Standards	CAN/CSA C22.2 No.14 IEC/EN 61810-1 UL 508

Environmental

Ambient Air Temperature	Operation -40 ... +85 °C Storage 0 ... +40 °C
RoHS Information	1SVD981001-4400
RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations

CQC Certificate	CQC_14002108002
CSA Certificate	CSA_262671-2785865
cUR Certificate	cUR_E244330
Declaration of Conformity - CE	No declaration needed
EAC Certificate	EAC_RU_C-DE.ME77.B.00443-19
UR Certificate	UR_E244330
VDE Certificate	VDE_40039479

Container Information

Package Level 1 Units	box 10 piece
Package Level 1 Width	300 mm
Package Level 1 Depth / Length	7.4 mm
Package Level 1 Height	23.7 mm
Package Level 1 Gross Weight	0.06 kg

Package Level 1 EAN

4013614486449

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)	2712353
E-Number (Sweden)	4001383

Categories

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

