PRODUCT-DETAILS

RA5-1

RA5-1 Interface Relay



General Information

Extended Product Type	RA5-1
Product ID	1SBN060300R1000
EAN	3471522364852
Catalog Description	RA5-1 Interface Relay
Long Description	RA5-1 is an interface relay designed to receive 24 V DC signals delivered by PLC's or other sources with a low output power and to restore them with sufficient power to operate the coils of the relevant contactors. RA5-1 interface relay is made up of a miniature electromechanical relay equipped with a N.O. contact and with a low consumption 24 V DC coil. The interface relay coil is controlled by the PLC while the N.O. contact ensures switching of the power contactor. Coil switching gives rise to overvoltages which have adverse effects on the electronic devices, insulators and, more generally, on component lifetime. The RA5-1 is equipped with surge suppressors: • on the 24 V DC relay coil via a diode, • on the power contactor coil via a varistor. Furthermore, the RA5-1 is protected against relay pole reversal by a diode inserted between the E1 and E2 input terminals.

Ordering

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Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	1SBC100214C0202
Instructions and Manuals	1SBC101019M5501
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	44 mm
Product Net Depth / Length	48 mm
Product Net Height	30 mm
Product Net Weight	0.05 kg

Technical

Standards	IEC 60255-5
Rated Frequency (f)	Control Circuit 50 / 60 Hz
Rated Insulation Voltage (U_i)	acc. to IEC 60947-5-1 250 V
Rated Control Circuit Voltage (U_c)	DC Operation 24 V
Terminal Type	Screw Terminals
Suitable For	A9 A12 A16 A26 A30 A40 A45 A50 A63 A75 A95 A110 GA75 UA16 UA26 UA30 UA50 UA63 UA75 UA95 UA110 UA16RA UA26RA UA30RA UA50RA UA63RA UA75RA UA95RA UA110RA AX50 AX65 AX80

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Environmental

Ambient Air Temperature	Close to Contactor for Storage -40 ... 70 °C

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

Declaration of Conformity - CE	1SBD250811U1000
Declaration of Conformity - UKCA	1SBD250828U1000
GOST Certificate	GOST_POCCFRME77B07175
RINA Certificate	RINA_ELE172319XG001

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	45 mm
Package Level 1 Depth / Length	45 mm
Package Level 1 Height	52 mm
Package Level 1 Gross Weight	0.05 kg
Package Level 1 EAN	3471522364852
Package Level 2 Units	400 piece
Package Level 2 Gross Weight	20 kg
Package Level 3 Units	4000 piece

Classifications

ETIM 7	EC002498 - Accessories for low-voltage switch technology
ETIM 8	EC002498 - Accessories/spare parts for low-voltage switch technology
ETIM 9	EC002498 - Accessories/spare parts for low-voltage switch technology
UNSPSC	39122331
IDEA Granular Category Code (IGCC)	5367 >> Control relay
E-Number (Finland)	3709232

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Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors



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