PRODUCT-DETAILS

RV5/50

RV5/50 Surge Suppressor



General Information

Extended Product Type	RV5/50
Product ID	1SBN050010R1000
EAN	3471522121325
Catalog Description	RV5/50 Surge Suppressor
Long Description	RV5/50 is a varistor surge suppressor designed to reduce the maximum overvoltage peak value and to limit or even completely eliminate the high pre-damping voltage frequencies, when used with an AC operated conventional contactor for a rated control circuit voltage between 24 ... 50 V AC 50/60Hz or with a DC operated conventional contactor for a rated control circuit voltage between 24 ... 50 V DC. The operation of inductive circuits causes overvoltages, in particular on opening of the contactor coil. The electromagnetic energy stored in the coil during contactor closing is restored on opening in the form of surges, the slope and amplitude of which may rise to several kilovolts. A number of drawbacks are observed ranging from interference on the electronic devices to breakdown of insulators and even destruction of certain sensitive components. Note: A varistor is a resistor whose value decreases to a very large extent when a certain voltage is applied at its terminals. Advantages: - the surge suppressor is clipped onto the top or side part in regards with the contactor or contactor relay base design without change in device overall dimensions. - high energy absorption: good damping - Unpolarized system. Drawback: clipping as from the varistor operating voltage, thus voltage front up to this point.

Technical

Product Name	Surge Suppressor
Suitable For	AS09

	AS12 AS16 ASL09 ASL12 ASL16 VAS09 VAS12 VAS16 VASL09 VASL12 VASL16 NS NSL AX06 AX09 AX12 AX18 AX25 AX32 AX40 AX50 AX65 AX80 AX95 AX115 AX150 NX UA16 UA26 UA30 UA50 UA63 UA75 UA16RA UA26RA UA30RA UA50RA UA63RA UA75RA GA75 GAE75
Rated Control Circuit Voltage (U_C)	50 Hz / 60 Hz 24 ... 50 V DC DC Operation 24 ... 50 V DC
Version	Varistor
Mounting Type	Clipped onto the top or bottom part of the contactor or contactor relay
Part Type	New
Technical Information	SUPPRESSOR

Environmental

Ambient Air Temperature	Operation -20 ... +70 °C
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Environmental Information	1SBD250137E1000

Dimensions

Product Net Width	30.25 mm
Product Net Height	10.5 mm
Product Net Depth / Length	32.4 mm
Product Net Weight	0.015 kg

Container Information

Package Level 1 Units	blister 2 piece

Package Level 1 Width	65 mm
Package Level 1 Height	12 mm
Package Level 1 Depth / Length	96 mm
Package Level 1 Gross Weight	0.03 kg
Package Level 1 EAN	3471522121325
Package Level 2 Units	box 324 piece
Package Level 2 Width	245 mm
Package Level 2 Height	153 mm
Package Level 2 Depth / Length	75 mm
Package Level 2 Gross Weight	4.86 kg

Ordering

Minimum Order Quantity	2 piece
Customs Tariff Number	85363030
E-Number (Finland)	3709201
Replacement Product ID (NEW)	1SBN050400R1000
Country of Origin	China (CN)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SBD250816U1000
Environmental Information	1SBD250137E1000
GOST Certificate	GOST_POCCFR.ME77.B07175.pdf
Instructions and Manuals	1SBC101020M9701
RINA Certificate	RINA_ELE172319XG001
RoHS Information	1SBD350059R1000
UL Certificate	UL_20120523-E312527_1_3
UL Listing Card	UL_E312527

Popular Downloads

Data Sheet, Technical Information	1SBC100214C0201
Instructions and Manuals	1SBC101020M9701
UL Listing Card	UL_E312527

Classifications

ETIM 6	EC002498 - Accessories for low-voltage switch technology
ETIM 7	EC002498 - Accessories for low-voltage switch technology
ETIM 8	EC002498 - Accessories/spare parts for low-voltage switch technology
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 30 30
UNSPSC	39120000

Categories

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

