

PRODUCT-DETAILS

RV5/440

RV5/440 Surge Suppressor



General Information

Extended Product Type	RV5/440
Product ID	1SBN050010R1003
EAN	3471522121356
Catalog Description	RV5/440 Surge Suppressor

Long Description	RV5/440 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 250 ... 440 V AC 50/60Hz or with a DC operated conventional contactor for a rated control circuit voltage between 250 ... 440 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.
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Ordering

E-Number (Finland)	3709204
EAN	3471522121356

Minimum Order Quantity	2 piece
Customs Tariff Number	85363030

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	3471522121356
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
Package Level 3 Units	1200 piece

Environmental

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

Additional Information

Mounting on Contactors	A 9...A 75
Mounting Type	Clipped onto the top or bottom part of the contactor or contactor relay
Order Multiple	2 piece
Product Main Type	Accessories for Block Contactors
Product Name	Surge Suppressor
Rated Control Circuit Voltage (U _c)	50 Hz / 60 Hz 250 ... 440 V AC DC Operation 250 ... 440 V DC
RoHS Date	20060502
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

Version

Varistor

Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SBC100214C0201
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

Classifications

ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 5	EC002498 - Accessories for low-voltage switch technology
ETIM 6	EC002498 - Accessories for low-voltage switch technology
ETIM 7	EC002498 - Accessories for low-voltage switch technology
UNSPSC	39120000
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

