

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	<p>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.</p> <p>Note: A varistor is a resistor whose value decreases to a very large extent when a certain voltage is applied at its terminals.</p> <p>Advantages:</p> <ul style="list-style-type: none"> - 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. <p>Drawback: clipping as from the varistor operating voltage, thus voltage front up to this point.</p>
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Technical

Suitable For	AS09 AS12 AS16
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ASL09
ASL12
ASL16
NS22E
NS31E
NS40E
NS44E
NS53E
NS62E
NS71E
NS80E
NSL22E
NSL31E
NSL40E
NSL44E
NSL53E
NSL62E
NSL71E
NSL80E
VAS09
VAS12
VAS16
VASL09
VASL12
VASL16
A9
A12
A16
A26
A30
A40
A45
A50
A63
A75
A95
A110
AL9
AL9Z
AL12
AL12Z
AL16
AL16Z
AL26
AL30
AL40
AE45
AE50
AE63
AE75
TAL9
TAL12
TAL16
TAL26
TAL30
TAL40
TAE45
TAE50
TAE75
GA75
GAE75
UA16
UA26
UA30
UA50
UA63
UA75
UA95
UA110
UA16RA
UA26RA
UA30RA
UA50RA
UA63RA
UA75RA
UA95RA

UA110RA
 N22E
 N31E
 N40E
 N44E
 N53E
 N62E
 N71E
 N80E
 N33/11
 N51/11
 NL22E
 NL222E
 NL31E
 NLZ31E
 NL40E
 NLZ40E
 NL44E
 NL53E
 NL62E
 NL71E
 NL80E
 NL33/11
 NL51/11
 TNL22E
 TNL31E
 TNL40E
 TNL44E
 TNL62E
 TNL80E
 AX06
 AX09
 AX12
 AX18
 AX25
 AX32
 AX40
 AX50
 AX65
 AX80
 AX95
 AX115
 AX150

Rated Control Circuit Voltage (U _c)	50 Hz / 60 Hz 250 ... 440 V AC DC Operation 250 ... 440 V DC
Version	Varistor

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	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

Ordering

Minimum Order Quantity	2 piece
Customs Tariff Number	85363030
E-Number (Finland)	3709204

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SBD250816U1000
Declaration of Conformity - UKCA	1SBD250833U1000
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 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

