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 PRODUCT-DETAILS

# RV5/133

## RV5/133 Surge Suppressor




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### General Information

Extended Product Type	RV5/133
Product ID	1SBN050010R1001
EAN	3471522121332
Catalog Description	RV5/133 Surge Suppressor

Long Description	<p>RV5/133 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 50 ...133 V AC 50/60Hz or with a DC operated conventional contactor for a rated control circuit voltage between 50 ...133 V DC.</p> <p>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"> <li>- 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.</li> <li>- high energy absorption: good damping - Unpolarized system.</li> </ul> <p>Drawback: clipping as from the varistor operating voltage, thus voltage front up to this point.</p>
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## Ordering

Minimum Order Quantity	2 piece
Customs Tariff Number	85363030
Replacement Product ID (NEW)	1SBN050400R1001

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## Popular Downloads

Data Sheet, Technical Information	1SBC100214C0202
Instructions and Manuals	1SBC101020M9701
CAD Dimensional Drawing	2CDC001079B0201

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## Dimensions

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

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## Technical

Rated Frequency (f)	Control Circuit 50 / 60 Hz
Rated Control Circuit Voltage (U <sub>c</sub> )	50 Hz / 60 Hz 50 ...133 V DC DC Operation 50 ...133 V DC
Suitable For	AS09 AS12 AS16 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  
NLZ22E  
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

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## Environmental

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Ambient Air Temperature	Operation -20 ... +70 °C
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## Material Compliance

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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)

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## Certificates and Declarations

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Declaration of Conformity - CE	1SBD250816U1000
Declaration of Conformity - UKCA	1SBD250833U1000
GOST Certificate	GOST_POCCFR.ME77.B07175.pdf
RINA Certificate	RINA_ELE172319XG001
UL Certificate	UL_20120523-E312527_1_3
UL Listing Card	UL_E312527

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## Container Information

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Package Level 1 Units	blister 2 piece
Package Level 1 Width	65 mm
Package Level 1 Depth / Length	96 mm
Package Level 1 Height	12 mm
Package Level 1 Gross Weight	0.03 kg
Package Level 1 EAN	3471522121332
Package Level 2 Units	box 324 piece

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Package Level 2 Width	245 mm
Package Level 2 Depth / Length	75 mm
Package Level 2 Height	153 mm
Package Level 2 Gross Weight	4.86 kg
Package Level 3 Units	1200 piece

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## Classifications

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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
eClass	V11.0 : 27371392
UNSPSC	39121610
IDEA Granular Category Code (IGCC)	4906 >> Surge suppressers
E-Number (Finland)	3709202

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## Categories

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

