PRODUCT-DETAILS

RV5/440

RV5/440 Surge Suppressor



360°

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

Minimum Order Quantity	2 piece
Customs Tariff Number	85363030

Popular Downloads

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

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

Technical

Rated Frequency (f)	Control Circuit 50 / 60 Hz
Rated Control Circuit Voltage (U_c)	50 Hz / 60 Hz 250 ... 440 V AC DC Operation 250 ... 440 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

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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

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	TNL40E
	TNL44E
	TNL62E
	TNL80E
	AX06
	AX09
	AX12
	AX18
	AX25
	AX32
	AX40
	AX50
	AX65
	AX80
	AX95
	AX115
	AX150

Environmental

Ambient Air Temperature	Operation -20 ... +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	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

Container Information

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	3471522121356
Package Level 2 Units	box 324 piece
Package Level 2 Width	245 mm

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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

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
eClass	V11.0 : 27371392
UNSPSC	39121610
IDEA Granular Category Code (IGCC)	4906 >> Surge suppressers
E-Number (Finland)	3709204

Categories

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



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