
PRODUCT-DETAILS

RV5/50

RV5/50 Surge Suppressor



General Information

Extended Product Type	RV5/50
Product ID	1ISBN050010R1000
EAN	3471522121325
Catalog Description	RV5/50 Surge Suppressor

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.

Ordering

Replacement Product ID (NEW)	1ISBN050400R1000
Minimum Order Quantity	2 piece
Customs Tariff Number	85363030

Product Main TypeAccessories for Block Contactors**Popular Downloads**Data Sheet, Technical Information1SBC100214C0201Instructions and Manuals1SBC101020M9701CAD Dimensional Drawing2CDC001079B0201**Dimensions**Product Net Width30.25 mmProduct Net Depth / Length32.4 mmProduct Net Height10.5 mmProduct Net Weight0.015 kg**Technical**Mounting TypeClipped onto the top or bottom part of the contactor or contactor relayRated Control Circuit Voltage (U_c)50 Hz / 60 Hz 24 ... 50 V DC
DC Operation 24 ... 50 V DCRated Frequency (f)Control Circuit 50 / 60 HzSuitable ForAS09
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
 NS1/11
 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

Technical InformationSUPPRESSOR**Environmental**

Ambient Air Temperature

Operation -20 ... +70 °C

RoHS Information

2CMT2021-006277

WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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
REACH Declaration	2CMT2021-006202
RINA Certificate	RINA_ELE172319XG001
RoHS Information	2CMT2021-006277
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	3471522121325
Package Level 2 Units	box 324 piece
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

Classifications

eClass	V11.0 : 27371392
E-Number (Finland)	3709201
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
ETIM 9	EC002498 - Accessories/spare parts for low-voltage switch technology
IDEA Granular Category Code (IGCC)	4906 >> Surge suppressers
UNSPSC	39121610

Categories

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

