

PRODUCT-DETAILS

RT5/150

RT5/150 Surge Suppressor



General Information

Extended Product Type	RT5/150
Product ID	1SBN050020R1003
EAN	3471522121639
Catalog Description	RT5/150 Surge Suppressor

Long Description

RT5/150 is a transil diode 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 or with a DC operated conventional contactor for a rated control circuit voltage between 77 ...150 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.

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.
- good energy absorption - Unpolarized system - Simple, reliable system
- very fast clipping: attenuation of steep fronts and thus of high frequencies. No operating delays.

Drawback: a certain delay on drop out which does not however reduce contactor breaking capacity.

Ordering

EAN	3471522121639
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	3471522121639
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 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)	DC Operation 77 ...150 V DC
RoHS Date	20060502
Suitable For	ASL09, ASL12, ASL16, VASL09, VASL12, VASL16, NSL, GAE75
Version	Transil diode

Certificates and Declarations (Document Number)

cUL Certificate	UL_20120523-E312527_1_3
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 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	39121610
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
IDEA Granular Category Code (IGCC)	4906 >> Surge suppressers

Categories

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

