PRODUCT-DETAILS

RT5/90

RT5/90 Surge Suppressor



General Information

Extended Product Type	RT5/90
Product ID	1SBN050020R1002
EAN	3471522121622
Catalog Description	RT5/90 Surge Suppressor
Long Description	RT5/90 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 50 ... 90 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.

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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 Control Circuit Voltage (U_c)	DC Operation 50 ... 90 V DC
Suitable For	ASL09 ASL12 ASL16 NSL22E NSL31E NSL40E NSL44E NSL53E NSL62E NSL71E NSL80E VASL09 VASL12 VASL16 AL9 AL9Z AL12 AL12Z AL16 AL16Z AL26 AL30 AL40 AE45 AE50 AE63 AE75 TAL9 TAL12 TAL16 TAL26 TAL30 TAL40 TAE45 TAE50 TAE75

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	GAE75
	NL22E
	NLZ22E
	NL31E
	NLZ31E
	NL40E
	NLZ40E
	NL44E
	NL53E
	NL62E
	NL71E
	NL80E
	NL33/11
	NL51/11
	TNL22E
	TNL31E
	TNL40E
	TNL44E
	TNL62E
	TNL80E

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	3471522121622

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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
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

Categories

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



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