



PRODUCT-DETAILS

# RC5-2/250

## RC5-2/250 Surge Suppressor



General Information	
Extended Product Type	RC5-2/250
Product ID	1SBN050200R1002
EAN	3471522121301
Catalog Description	RC5-2/250 Surge Suppressor
Long Description	<p>RC5-2/250 is a RC type 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 110 ... 250 V AC 50/60Hz. 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>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>- very fast clipping: attenuation of steep fronts and thus of high frequencies. No operating delays.</li></ul>

Ordering	
Minimum Order Quantity	2 piece
Customs Tariff Number	85363030
Replacement Product ID (NEW)	1SBN050410R1002

Popular Downloads	
Data Sheet, Technical Information	1SBC100214C0202
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 <sub>c</sub> )	50 Hz / 60 Hz 110 ... 250 V AC
Suitable For	A45 A50 A63 A75 A95 A110 GA75 UA50 UA63 UA75 UA95 UA110 UA50RA UA63RA UA75RA UA95RA UA110RA AX50 AX65 AX80 AX95 AX115 AX150
Product Name	Surge Suppressor

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	3471522121301
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

External Classifications and Standards	
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)	3709199

Where Used (as a spare part for "Products")			
Identifier	Description	Quantity	Unit Of Measure
3HAC020536-014	No Description Available	1	piece

Product specific part data		
Product	Robot Design Year	Robotics Part Category
3HAC020536-014	IRC5 M2004	Process Module

**Categories**

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

Robotics → Controllers → IRC5 → IRC5 Single

