



 PRODUCT-DETAILS

RC4-1/440

RC4-1/440 Surge Suppressor



General Information

Extended Product Type	RC4-1/440
Product ID	1SBN050400R1003
EAN	3471523020474
Catalog Description	RC4-1/440 Surge Suppressor

Long Description	<p>RC4-1/440 is a RC type surge suppressor designed to reduce the maximum overvoltage peak value and to limit the high pre-damping voltage frequencies that occurs on the control circuit when operating a contactor. The opening of a contactor coil can causes high voltage surges of several kV that can cause interferences and damages to sensitives electronic in the installation. The RC4-1/440 can operate une control voltage within 250 ... 440 V AC 50/60 Hz. The RC4 surge suppressor is mounted directly on the AFC contactor, either on top or bottom, and is including the coil connection terminals. RC4 are designed specifically for AFC contactors or NFC relays.</p>
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Ordering

Minimum Order Quantity	2 piece
Customs Tariff Number	85363030

Popular Downloads

CAD Dimensional Drawing	2CDC001079B0201
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Dimensions

Product Net Width	36 mm
Product Net Depth / Length	44 mm
Product Net Height	32 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
Connecting Capacity Control Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Rigid Solid 1/2x 1 ... 2.5 mm ² Rigid Stranded 1/2x 1 ... 2.5 mm ²
Wire Stripping Length	Control Circuit 10 mm
Tightening Torque	Control Circuit 1.2 N·m
Terminal Type	Screw Terminals
Suitable For	AFC09 AFC12 AFC16 AFC26 AFC30 AFC38 NFC22E NFC31E NFC40E NFC44E NFC53E NFC62E NFC71E NFC80E NFC33/11 NFC51/11
Suitable for Product Class	Block Contactors
Product Name	Surge Suppressor

Technical UL/CSA

Connecting Capacity Control Circuit UL/CSA	Rigid Solid 1/2x 18-14 AWG Rigid Stranded 1/2x 18-14 AWG
Tightening Torque UL/CSA	Control Circuit 11 in·lb

Environmental

Ambient Air Temperature	Operation -20 ... +70 °C Storage -40 ... +80 °C
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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	1SBD250030U1000
Declaration of Conformity - UKCA	1SBD250048U1000
UL Certificate	UL_20200903-E312527_1_4

Container Information

Package Level 1 Units	box 2 piece
Package Level 1 Width	66 mm
Package Level 1 Depth / Length	42 mm
Package Level 1 Height	92 mm
Package Level 1 Gross Weight	0.035 kg
Package Level 1 EAN	3471523020474

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

Categories

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

