

PRODUCT-DETAILS

DS951 B10 A10 UL

DS951 B10 A10 UL Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DS951 B10 A10 UL
Product ID	2CSR155117R0105
EAN	8012542233756
Catalog Description	DS951 B10 A10 UL Residual Current Circuit Breaker with Overcurrent Protection
Long Description	DS951 UL 1P+N RCBO is a device that in two modules width is able to provide complete protection against overcurrent (overload and shortcircuit) and earth fault. DS951 UL are approved according to UL 1053 standard "Ground- Fault Sensing and Relaying Equipment" making them suitable for installation in equipments/ machines addressed to North American market.

Technical

Standards	IEC 61009-1 IEC 61009-2-1 UL 1053 UL 1077
Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Tripping Characteristic	B
Type of Residual Current	A type
Rated Voltage (U_r)	230-240 V AC
Rated Operational Voltage	230 ... 240 V AC
Rated Insulation Voltage	500 V

(U_I)

Test Voltage (U _t)	110 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Input Voltage Type	AC
Rated Current (I _n)	10 A
Rated Residual Current	10 mA
Rated Short-Circuit Capacity (I _{cn})	(230 / 400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	10 kA
Rated Conditional Short-Circuit Current (I _{nc})	6 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs})	6 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	A
Frequency (f)	50/60 Hz
Rated Frequency (f)	50...60 Hz
Power Loss	2 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle 20000 cycle
Number of Poles	1+N
Number of Protected Poles	1
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Right
Earthing Switch Type	Undelayed
Release Type	B
Options Provided	Suitable for 110V applications
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 16 ... 16 mm ² Flexible 16 ... 16 mm ²
Rated Cross-Section	4 - Multi-Wired 1...16 mm ² 1 - Solid-Core 16...16 mm ²

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.01 A
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Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.0356 m
Product Net Height	0.085 m
Product Net Depth / Length	0.070 m
Product Net Weight	0.200 kg
Built-In Depth (t ₂)	70 mm

Container Information

Package Level 1 Units	box 5 piece
Package Level 1 Width	0.22 m
Package Level 1 Height	0.080 m
Package Level 1 Depth / Length	0.090 m
Package Level 1 Gross Weight	1.000 kg
Package Level 1 EAN	8012542233763

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363010
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5599
Environmental Information	ITSCE-LPD-ENV_DS9
Instructions and Manuals	400-9936
RoHS Information	9AKK106713A8874

Popular Downloads

Data Sheet, Technical Information	2CSC422029L0201
Instructions and Manuals	400-9936

Classifications	
ETIM 6	EC000905 - Earth leakage circuit breaker
ETIM 7	EC000905 - Earth leakage circuit breaker
ETIM 8	EC000905 - Earth leakage circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363010
Object Classification Code	F

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

