

PRODUCT-DETAILS

FS451MK-C10/0.3

FS451MK-C10/0.3 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	FS451MK-C10/0.3
Product ID	2CCL462330E1104
EAN	7612271472528
Catalog Description	FS451MK-C10/0.3 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	ABB RCBO short delay SMISSLINE TP 1LN ,C, 10A, 300mA, 10kA

Technical

Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Tripping Characteristic	C
Type of Residual Current	F type
Rated Voltage (U_r)	240 V
Rated Operational Voltage	acc. to IEC 60898-1 240 V
Rated Insulation Voltage (U_i)	500 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	10 A
Rated Residual Current	300 mA
Rated Short-Circuit Capacity (I_{cn})	10 kA
Rated Conditional Short-	10 kA

Circuit Current (I_{nc})	
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs})	10 kA
Maximum Surge Current	3 kA
Leakage Current Type	A
Frequency (f)	50/60 Hz
Rated Frequency (f)	50...60 Hz
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	1
Operating Characteristic	Instantaneous (APR High Immunity)
Overvoltage Category	III
Earthing Switch Type	Short-Time Delayed
Release Type	C
Options Provided	Smissline Classic
Accessories Available	Yes
Rated Cross-Section	1 - Solid-Core 0...35 mm ² 4 - Multi-Wired 0...35 mm ²

Environmental

Ambient Temperature	-25...40 °C
Ambient Air Temperature	Operation -25...40 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Environmental Information	2CCC451024D0201

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.3 A
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Dimensions

Width in Number of Modular Spacings	2
Product Net Width	36 mm
Product Net Height	87 mm
Product Net Depth / Length	87 mm
Product Net Weight	210 g
Product Net Length	87 mm
Built-In Depth (t_2)	91 mm

Container Information

Package Level 1 Units	carton 2 piece
Package Level 1 Width	95 mm
Package Level 1 Height	95 mm
Package Level 1 Depth / Length	62 mm
Package Level 1 Gross Weight	248 g

Package Level 1 EAN

7612271472528

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020
E-Number (Switzerland)	809148142
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC451036D0201
Environmental Information	2CCC451024D0201
Instructions and Manuals	9AKK107680A1666
RoHS Information	2CCC413008D0206_RoHS

Popular Downloads

Data Sheet, Technical Information	2CCC451027C0106 Ind B
Instructions and Manuals	9AKK107680A1666
Dimension Diagram	2CCC451027C0106 Ind B

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 Business
CN8	85362020
Object Classification Code	FB

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → SMISSLINE Classic

