PRODUCT-DETAILS

FS 451M-C10/0.03

FS451M-C10/0,03



General Information

Extended Product Type:	FS 451M-C10/0.03
Product ID:	2CCL462110E0104
EAN:	7612270108282
Catalog Description:	FS451M-C10/0,03
Long Description:	FS451M-C10/0,03 Residual Current Circuit Breaker with overcurrent Protection 2 Poles C Characteristic 10A 10000 ~230/400V
Display Name:	FS 451M-C10/0.03

Technical

Type of Residual Current:	Type A
Rated Operational Current (I_e):	10 A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	25 kA
Rated Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs}):	10 kA
Maximum Surge Current:	0.25 kA

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Energy Limiting Class:	3
Number of Protected Poles:	1
Number of Poles:	2P
Operating Characteristic:	Instantaneous
Position of Neutral Terminals:	Right
Earthing Switch Type:	Undelayed
Options Provided:	Smissline Classic
Accessories Available:	Yes
Connecting Capacity:	Stranded 0.75 ... 35 mm² Flexible 0.75 ... 25 mm²
Rated Cross-Section:	1 - Solid-Core 0.75 … 35 mm² 4 - Multi-Wired 0.75 … 10 mm²

Electrical

Short-Circuit Current Rating (SCCR):	0.03 A
Tripping Characteristic:	C
Rated Operational Voltage:	acc. to IEC 60898-1 240 V
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U_{imp}):	4 kV
Input Voltage Type:	AC
Rated Current (I_n):	10 A
Rated Residual Current:	30 mA
Rated Short-Circuit Capacity:	10 kA
Rated Conditional Short-Circuit Current (I_{nc}):	10 kA
Rated Frequency (f):	50 … 60 Hz
Power Loss:	3.4 W
Overvoltage Category:	III

Material Compliance

RoHS Declaration:	2CCC413008D0206_RoHS
RoHS Information:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
RoHS Date:	20170426
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Business

Environmental

Ambient Air Temperature:	Operation -25 … 60 °C

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Degree of Protection:	IP20
Pollution Degree:	2
Environmental Information:	9AKK108467A9561

Dimensions

Width in Number of Modular Spacings:	2
Product Net Width:	69 mm
Product Net Height:	95 mm
Product Net Depth / Length:	72 mm
Product Net Weight:	210 g
Size:	2 modules
Built-In Depth (t_2):	91 mm
Dimension Diagram:	2CCC451027C0106 Ind B

Ordering

Package Level 1 Units:	carton 2 piece
Package Level 1 Gross Weight:	248 g
E-Number (Switzerland):	809118832
Replacement Product ID (NEW):	2CCG001795R0001

Certificates and Declarations

Declaration of Conformity - CE:	2CCC451036D0201

Installation

Instructions and Manuals:	9AKK107680A1666

Popular Downloads

Data Sheet, Technical Information:	2CCC451027C0106 Ind B

External Classifications and Standards

ETIM 9:	EC000905 - Earth leakage circuit breaker
eClass:	V11.0 : 27142207
Object Classification Code:	FB
Standards:	IEC/EN 61009

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Categories

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



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