



## PRODUCT-DETAILS

**FS451E-B13/0.03****Residual Current Circuit Breaker with  
Overcurrent Protection****General Information**

Extended Product Type	FS451E-B13/0.03
Product ID	2CCL462111E0135
EAN	7612270108749
Catalog Description	Residual Current Circuit Breaker with Overcurrent Protection
Long Description	FS451E-B13/0,03 Residual Current Circuit Breaker with overcurrent Protection 2 Poles B Characteristic 13A 6000 ~230/400V

**Technical**

Standards	IEC/EN 61009
Tripping Characteristic	B
Type of Residual Current	Type A
Rated Operational Voltage	acc. to IEC 60898-1 240 V
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV

Input Voltage Type	AC
Rated Current ( $I_n$ )	13 A
Rated Operational Current ( $I_e$ )	13 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	10 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ )	6 kA
Maximum Surge Current	0.25 kA
Rated Frequency (f)	50 ... 60 Hz
Power Loss	3.4 W
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	2
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Right
Earthing Switch Type	Undelayed
Options Provided	Smissline Classic
Accessories Available	Yes
Connecting Capacity	Stranded 0.75 ... 35 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup>
Rated Cross-Section	1 - Solid-Core 0.75 ... 35 mm <sup>2</sup> 4 - Multi-Wired 0.75 ... 10 mm <sup>2</sup>

## Material Compliance

RoHS Information	2CCC413008D0206_RoHS
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
RoHS Date	20170426
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Air Temperature	Operation -25 ... 60 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Information	9AKK108467A9561

## Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 A
-------------------------------------	--------

## Dimensions

Width in Number of Modular Spacings	1
Product Net Width	36 mm
Product Net Height	87 mm
Product Net Depth / Length	76 mm
Product Net Weight	210 g
Size	2 modules
Built-In Depth (t <sub>2</sub> )	91 mm
Dimension Diagram	2CCC451027C0106 Ind B

## Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	248 g
E-Number (Switzerland)	809029834
Replacement Product ID (NEW)	2CCG001775R0001

## Certificates and Declarations

Declaration of Conformity - CE	2CCC451036D0201
--------------------------------	-----------------

## Installation

Instructions and Manuals	9AKK107680A1666
--------------------------	-----------------

## Popular Downloads

Data Sheet, Technical Information	2CCC451027C0106 Ind B
-----------------------------------	-----------------------

## Classifications

ETIM 8	EC000905 - Earth leakage circuit breaker
ETIM 9	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
eClass	V11.0 : 27142207
Object Classification Code	FB

---

## Categories

---

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

