

PRODUCT-DETAILS

FS403MK-B20/0.03

FS403MK-B20/0.03 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	FS403MK-B20/0.03
Product ID	2CCL563310E0205
EAN	7612271470777
Catalog Description	FS403MK-B20/0.03 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	Pluggable Residual Current Circuit Breaker with overcurrent Protection for the SMISLINE TP System acc. IEC/EN/DIN EN 61009-1, EN/DIN EN 61009-2-1 Rated breaking capacity Icn 10kA Type F; AP-R (high immunity) Tripping characteristic B Rated current In 20A Rated sensitivity I Δn 0.03 Rated voltage Ue 240/415VAC

Technical

Standards	IEC 61009-1 EN 61009-1 DIN EN 61009-1 EN 61009-2-1 DIN EN 61009-2-1
Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Tripping Characteristic	B
Type of Residual Current	F Type
Rated Voltage (U _r)	240 / 415 V
Rated Operational Voltage	240 ... 415 V AC
Rated Insulation Voltage	500 V

(U_I)

Rated Impulse Withstand Voltage (U _{imp})	4 kV
Input Voltage Type	AC
Rated Current (I _n)	20 A
Rated Residual Operating Current (I _{Δn})	0.03 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity (I _{cn})	(240 / 415 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	10 kA
Rated Conditional Short-Circuit Current (I _{nc})	10 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(415 V AC) 7.5 kA
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
Power Loss	7.5 W
Energy Limiting Class	3
Number of Poles	4
Number of Protected Poles	3
Operating Characteristic	Instantaneous (APR High Immunity)
Overvoltage Category	III
Position of Neutral Terminals	Right
Earthing Switch Type	Short-Time Delayed
Release Type	B
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

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 A
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Dimensions

Width in Number of Modular Spacings	4
Product Net Width	72 mm
Product Net Height	91 mm
Product Net Depth / Length	97 mm
Product Net Weight	545 g
Product Net Length	97 mm
Built-In Depth (t ₂)	91 mm

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	100 mm
Package Level 1 Height	90 mm
Package Level 1 Depth / Length	75 mm
Package Level 1 Gross Weight	466 g
Package Level 1 EAN	7612271470777

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020
E-Number (Switzerland)	809080772
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005001D0201
Instructions and Manuals	9AKK107680A1664
RoHS Information	2CCC413008D0206_RoHS

Popular Downloads

Data Sheet, Technical Information	9AKK107492A6192
Instructions and Manuals	9AKK107680A1664
Dimension Diagram	9AKK107492A6192

Classifications		
ETIM 6	EC000905 - Earth leakage circuit breaker	
ETIM 7	EC000905 - Earth leakage circuit breaker	
ETIM 8	EC000905 - Earth leakage circuit breaker	
EPLAN Catalog Tree	Electrical engineering / Protection devices / General	
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 → Plug-in Distribution Systems → Residual Current Circuit Breakers with Overcurrent Protection RCBO

