

PRODUCT-DETAILS

FS401MK-B20/0.03

FS401MK-B20/0.03 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	FS401MK-B20/0.03
Product ID	2CCL562310E1205
EAN	7612271472962
Catalog Description	FS401MK-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 20AK Rated sensitivity I Δn 0.03 Rated voltage Ue 240VAC

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 V
Rated Operational Voltage	240 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 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})	(240 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	3 W
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	1
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
Environmental Information	2CCC451024D0201

Technical UL/CSA

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

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	36 mm
Product Net Height	91 mm
Product Net Depth / Length	91 mm
Product Net Weight	200 g
Product Net Length	91 mm
Built-In Depth (t ₂)	91 mm

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	95 mm
Package Level 1 Height	95 mm
Package Level 1 Depth / Length	44 mm
Package Level 1 Gross Weight	239 g
Package Level 1 EAN	7612271472962

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020
E-Number (Switzerland)	809050127
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	9AKK107680A1664
RoHS Information	2CCC413008D0206_RoHS

Popular Downloads

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

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

