PRODUCT-DETAILS

FS403MK-C32/0.3

FS403MK-C32/0.3 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	FS403MK-C32/0.3
Product ID	2CCL563330E0324
EAN	7612271470913
Catalog Description	FS403MK-C32/0.3 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	Pluggable Residual Current Circuit Breaker with overcurrent Protection for the SMISSLINE TP System acc. IEC/EN/DIN EN 61009-1, EN/DIN EN 61009-2-1 Rated breaking capacity Icn 10kAType F; AP-R (high immunity) Tripping characteristic C Rated current In 32A Rated sensitivity I Δn 0.3A 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	C
Type of Residual Current	A K 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)	32 A
Rated Residual Operating Current ($I_{\Delta n}$)	0.3 A
Rated Residual Current	300 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 Icu (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	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	C
Accessories Available	Yes
Rated Cross-Section	1 - Solid-Core 0...35 mm² 4 - Multi-Wired 0...35 mm²

Environmental

Ambient Temperature	-25...40 °C
Ambient Air Temperature	Operation -25...40 °C
Degree of Protection	IP2X
Pollution Degree	2
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical UL/CSA

Short-Circuit Current	0.3 A

Rating (SCCR)	

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	7612271470913

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020
E-Number (Switzerland)	809182792
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

