PRODUCT-DETAILS

S401M-C50

S401M-C50 Miniature Circuit Breaker



General Information

Extended Product Type	S401M-C50
Product ID	2CCS571001R0504
EAN	7612270101474
Catalog Description	S401M-C50 Miniature Circuit Breaker
Long Description	Pluggable Miniature circuit-breaker for the SMISSLINE TP System acc. IEC/EN 60898-1; IEC/EN 60947-2 Rated short-circuit capacity Icn 10 kA Rated ultimate short-circuit capacity Icu15 kA Rated current In 50A Tripping characteristic C Poles 1L Rated voltage Ue 240 VAC

Technical

Standards	IEC/EN 60898-1 IEC/EN 60947-2
Product Name	Miniature Circuit Breaker
Tripping Characteristic	C
Rated Voltage (U_r)	240 V
Rated Operational Voltage	acc. to IEC 60898-1 240 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	50 A
Rated Operational	50 A

Current (I_e)	
Rated Short-Circuit Capacity (I_{cn})	(400 V) 10 kA (230 V) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 15 kA (230 V) 25 kA (400 V) 10 kA
Rated Short-Circuit Making Capacity (I_{cm})	(240 V AC) 30 kA (254 V AC) 9 kA
Rated Conditional Short-Circuit Current (I_{nc})	(400 V) 10 kA (230 V) 25 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 V AC) 7.5 kA
Rated Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs})	50 %
Frequency (f)	50 ... 60 Hz
Rated Frequency (f)	50 ... 60 Hz
Power Loss	4.3 W
Energy Limiting Class	3
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Release Type	D
Accessories Available	Yes
Connecting Capacity	Rigid 0.75 ... 25 mm²

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP20
Pollution Degree	3
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Environmental Information	2CCY451206D0201

Dimensions

Width in Number of Modular Spacings	1
Product Net Width	18 mm
Product Net Height	91 mm
Product Net Depth / Length	75 mm
Product Net Weight	140 g
Product Net Length	82 mm
Size	1 module
Built-In Depth (t_2)	75 mm

Container Information

Package Level 1 Units	carton 10 piece
Package Level 1 Width	100 mm
Package Level 1 Height	125 mm
Package Level 1 Depth / Length	185 mm

Package Level 1 Gross Weight	170 g
Package Level 1 EAN	7612270101474

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020
E-Number (Switzerland)	809124807
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107991A9634
Environmental Information	2CCY451206D0201
Instructions and Manuals	2CCC451019M0109
RoHS Information	2CCC413008D0206_RoHS

Popular Downloads

Data Sheet, Technical Information	9AKK107492A6192
Instructions and Manuals	2CCC451019M0109
Dimension Diagram	9AKK107492A6192

Classifications

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
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	FC

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Plug-in Distribution Systems → Miniature Circuit Breakers MCBs

