

PRODUCT-DETAILS

S401M-UCC50

S401M-UCC50 Miniature Circuit Breaker



General Information

Extended Product Type	S401M-UCC50
Product ID	2CCS571001R1504
EAN	7612270109890
Catalog Description	S401M-UCC50 Miniature Circuit Breaker
Long Description	Pluggable Miniature circuit-breaker for the SMISSLINE TP System acc. IEC/EN 60947-2 Rated ultimate short-circuit capacity Icu 20 kA (110 VDC) Rated current In 50A Tripping characteristic UCC Poles 1L Rated voltage Ue 110 VDC / 220 VDC

Technical

Standards	IEC/EN 60947-2
Product Name	Miniature Circuit Breaker
Tripping Characteristic	UC-C
Rated Voltage (U _r)	220 V DC
Rated Operational Voltage	acc. to IEC 60947-2 110 V DC
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/DC
Rated Current (I _n)	50 A
Rated Short-Circuit Capacity (I _{cn})	(400 V) 10 kA (230 V) 10 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V DC) 10 kA (230 V) 10 kA (400 V) 10 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 10 kA (400 V) 10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(230 V AC) 7.5 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs})	50 %
Frequency (f)	50 ... 60 Hz
Rated Frequency (f)	50 ... 60 Hz
Power Loss	4.2 W
Energy Limiting Class	3
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Trip Class	UC-C
Release Type	C
Accessories Available	Yes
Connecting Capacity	Rigid 0.75 ... 25 mm ²

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Environmental Information	2CCY000200D0217

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	145 g
Product Net Length	75 mm
Size	1 module
Built-In Depth (t_2)	75 mm

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	100 mm
Package Level 1 Height	91 mm
Package Level 1 Depth / Length	185 mm
Package Level 1 Gross Weight	170 g
Package Level 1 EAN	7612270109890

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363000
E-Number (Switzerland)	809524107
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107991A9644
Environmental Information	2CCY000200D0217
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	85363020
Object Classification Code	FC

Categories

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

