

PRODUCT-DETAILS

# S401M-K1

## S401M-K1 Miniature Circuit Breaker



### General Information

Extended Product Type	S401M-K1
Product ID	2CCS571001R0217
EAN	7612270101610
Catalog Description	S401M-K1 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 10 kA 25 kA Rated current In 1A Tripping characteristic K Poles 1L Rated voltage Ue 240 VAC

### Ordering

E-Number (Switzerland)	809210807
EAN	7612270101610
Minimum Order Quantity	1 piece
Customs Tariff Number	85362020

### Dimensions

Product Net Width	18 mm
Product Net Height	91 mm
Product Net Length	82 mm
Product Net Depth / Length	75 mm
Product Net Weight	140 g

## 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	1458 g
Package Level 1 EAN	7612270101610

## Environmental

Ambient Air Temperature	Operation -25...55 °C
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Additional Information

Ambient Temperature	-25...55 °C
Connecting Capacity	Rigid 0 ... 25 mm <sup>2</sup>
Degree of Protection	IP20
Energy Limiting Class	3
Frequency (f)	50 ... 60 Hz
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Pollution Degree	3
Power Loss	1.5 W
Product Main Type	S400
Product Name	Miniature Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> )	50 %
Rated Current (I <sub>n</sub> )	1 A
Rated Voltage (U <sub>r</sub> )	240 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Rated Insulation Voltage (U <sub>i</sub> )	440 V
Rated Operational Current (I <sub>e</sub> )	1 A
Rated Operational Voltage	240 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(240 V AC) 7.5 kA
Rated Short-Circuit Capacity (I <sub>cn</sub> )	(400 V) 10 kA (230 V) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(240 V AC) 50 kA
Release Type	K
RoHS Date	20170426
Standards	IEC/EN 60947-2
Tripping Characteristic	K

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## Certificates and Declarations (Document Number)

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Data Sheet, Technical Information	9AKK107492A6192
Declaration of Conformity - CE	2CCC451034D0201
Environmental Information	2CCY451206D0201
Instructions and Manuals	2CCC451019M0109
RoHS Information	2CCC413008D0206_RoHS
Dimension Diagram	9AKK107492A6192

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## Classifications

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ETIM 4	EC000042 - Miniature circuit breaker (MCB)
ETIM 5	EC000042 - Miniature circuit breaker (MCB)
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
Object Classification Code	FC
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

