



## PRODUCT-DETAILS

# S402M-UCC20

## S402M-UCC20 Miniature Circuit Breaker

### General Information

Extended Product Type	S402M-UCC20
Product ID	2CCS572001R1204
EAN	7612270110025
Catalog Description	S402M-UCC20 Miniature Circuit Breaker
Long Description	Pluggable Miniature circuit-breaker for the SMISLINE TP System acc. IEC/EN 60947-2 Rated ultimate short-circuit capacity Icu 25 kA (220 VDC) Rated current In 20A Tripping characteristic UCC Poles 2L Rated voltage Ue 220 VDC / 440 VDC

### Ordering

E-Number (Switzerland)	809550107
EAN	7612270110025
Minimum Order Quantity	1 piece
Customs Tariff Number	85363000

### Dimensions

Product Net Width	36 mm
Product Net Height	91 mm
Product Net Length	75 mm
Product Net Depth / Length	75 mm
Product Net Weight	285 g

### 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	285 g
Package Level 1 EAN	7612270110025

### Environmental

Ambient Air	Operation -25...55 °C
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Temperature

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
Input Voltage Type	AC/DC
Number of Poles	2
Number of Protected Poles	2
Object Classification Code	FC
Overvoltage Category	III
Pollution Degree	2
Power Loss	2.68 W
Product Main Type	S400
Product Name	Miniature Circuit Breaker
Rated Current (I <sub>N</sub> )	20 A
Rated Frequency (f)	50-60 Hz
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Rated Insulation Voltage (U <sub>i</sub> )	440 V
Rated Operational Voltage	440 V DC 220 V DC 240 / 415 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(400 V AC) 7.5 kA
Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> )	50 %
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> )	(440 V DC) 25 kA
Rated Voltage (U <sub>r</sub> )	440 V DC
Release Type	C
RoHS Date	20170426
Standards	IEC/EN 60947-2
Tripping Characteristic	UC-C

## Certificates and Declarations (Document Number)

Data Sheet, Technical Information	9AKK107492A6192
Declaration of Conformity - CE	9AKK107991A9644
Environmental Information	2CCY000200D0230
Instructions and Manuals	2CCC451019M0109
RoHS Information	2CCC413008D0206_RoHS
Dimension Diagram	9AKK107492A6192

Classifications	
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)

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