

PRODUCT-DETAILS

S451M-B6

S451M-B6 Miniature Circuit Breaker



General Information

Extended Product Type	S451M-B6
Product ID	2CCS471001R0065
EAN	7612270105366
Catalog Description	S451M-B6 Miniature Circuit Breaker
Long Description	S451M-B6 Miniature Circuit Breaker 1 Pole B Characteristic 6A 10000 ~230/400V

Technical

Standards	IEC/EN 60898-1
Product Name	Miniature Circuit Breaker
Tripping Characteristic	B
Rated Voltage (U_r)	230 V
Rated Operational Voltage	240 V AC
Rated Insulation Voltage (U_i)	440 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	6 A
Rated Operational Current (I_e)	6 A
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) 10 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 25 kA (400 V) 25 kA
Frequency (f)	50 ... 60 Hz
Rated Frequency (f)	50 ... 60 Hz
Power Loss	1.8 W
Energy Limiting Class	3
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Release Type	B
Accessories Available	Yes
Connecting Capacity	Rigid 0 ... 25 mm ²

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	2CCC404013D0201

Dimensions

Width in Number of Modular Spacings	1
Product Net Width	69 mm
Product Net Height	89 mm
Product Net Depth / Length	94.5 mm
Product Net Weight	142 g
Product Net Length	94.5 mm
Size	1 module
Built-In Depth (t_2)	92.5 mm

Container Information

Package Level 1 Units	carton 10 piece
Package Level 1 Width	185 mm
Package Level 1 Height	89 mm
Package Level 1 Depth / Length	101 mm
Package Level 1 Gross Weight	1540 g
Package Level 1 EAN	7612270105366

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020
E-Number (Switzerland)	809016802

Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC451034D0201
Environmental Information	2CCC404013D0201
Instructions and Manuals	2CCC404011M0109
RoHS Information	2CCC413008D0206_RoHS

Popular Downloads

Data Sheet, Technical Information	2CCC451027C0106 Ind B
Instructions and Manuals	2CCC404011M0109
Dimension Diagram	2CCC451027C0106 Ind B

Classifications

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
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 → SMISLINE Classic

