



PRODUCT-DETAILS

S453M-K16**Miniature Circuit Breaker****General Information**

Extended Product Type	S453M-K16
Product ID	2CCS473001R0467
EAN	7612270107384
Catalog Description	Miniature Circuit Breaker
Long Description	S453M-K16 Miniature Circuit Breaker 3 Poles K Characteristic 16A 10000 ~230/400V

Technical

Standards	IEC/EN 60898-1 IEC/EN 60947-2
Tripping Characteristic	K
Rated Voltage (U_r)	240 / 415 V
Rated Operational Voltage	acc. to IEC 60898-1 415 V
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)	16 A
Rated Operational Current (I _e)	16 A
Rated Short-Circuit Capacity	(230 V) 10 kA (400 V) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(230 V) 25 kA (400 V) 25 kA
Rated Conditional Short-Circuit Current (I _{nc})	(400 V) 25 kA
Frequency (f)	50 ... 60 Hz
Rated Frequency (f)	50 ... 60 Hz
Power Loss	5.457 W
Energy Limiting Class	3
Number of Protected Poles	3
Number of Poles	3
Overvoltage Category	III
Accessories Available	Yes
Connecting Capacity	Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ²

Material Compliance

RoHS Information	2CCC413008D0206_RoHS
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
RoHS Date	20170426
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... 60 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Information	9AKK108467A9561

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	69 mm
Product Net Height	89 mm
Product Net Depth / Length	94.5 mm
Product Net Weight	426 g
Size	3 modules
Built-In Depth (t ₂)	75 mm
Dimension Diagram	2CCC451027C0106 Ind B

Ordering

Package Level 1 Units	carton 3 piece
Package Level 1 Gross Weight	1400 g
E-Number (Switzerland)	809279802

Certificates and Declarations

Declaration of Conformity - CE	9AKK107991A9703
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Installation

Instructions and Manuals	2CCC404011M0109
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Popular Downloads

Data Sheet, Technical Information	2CCC451027C0106 Ind B
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Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	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
eClass	V11.0 : 27141901
Object Classification Code	FC

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → SMISLINE Classic → SMISLINE Classic

