



PRODUCT-DETAILS

SU203M-Z7

Miniature Circuit Breaker - SU200M - 3P - 7 A - Z - (400 V AC) 11.2 kA



General Information	
Extended Product Type	SU203M-Z7
Product ID	2CDS273337R0388
EAN	4016779933384
Catalog Description	Miniature Circuit Breaker - SU200M - 3P - 7 A - Z - (400 V AC) 11.2 kA
Long Description	SU203M-Z7 Miniature Circuit Breaker SU203M-Z7 Miniature Circuit Breaker C-Char., UL10kA, IEC15kA, 7A, 3P

ABB EcoSolutions	
ABB EcoSolutions	Yes
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 62 %
ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
Extended Product Lifetime	Product Durability
End Of Life Disassembling Instructions	9AKK108471A4773

Environmental Product
Declaration - EPD

9AKK108470A9950

Technical

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 15 kA (400 V) 15 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(400 V AC) 11.2 kA
Energy Limiting Class	3
Number of Protected Poles	3
Number of Poles	3P
Accessories Available	Yes
Connecting Capacity	Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Terminal Type	Double Clamp

Electrical

Tripping Characteristic	Z
Rated Operational Voltage	acc. to IEC 60898-1 480 V AC acc. to IEC 60947-2 400 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Input Voltage Type	AC/DC
Rated Current (I_n)	7 A
Rated Short-Circuit Capacity	(400 V AC) 11.2 kA
Rated Conditional Short-Circuit Current (I_{nc})	(400 V) 10 kA
Rated Frequency (f)	50 / 60 Hz DC
Power Loss	4.5 W at Rated Operating Conditions per Pole 1.5 W
Overvoltage Category	III

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 10 kA (480V / 277 V AC) 10 kA
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Material Compliance

RoHS Declaration	9AKK108472A0372
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20251203
REACH Declaration	9AKK107492A1906

REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20251029
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
Toxic Substances Control Act - TSCA	9AKK108468A8104
SCIP	89318623-ff2d-4ce0-aefe-5d16fac11138 Germany
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	3
Environmental Information	9AKK107680A9140

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	52.5 mm
Product Net Height	111 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.366 kg
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.386 kg

Certificates and Declarations

Declaration of Conformity - CE	2CDK400595D2705
Declaration of Conformity - UKCA	9AKK108467A5201

Installation

Instructions and Manuals	2CDS207104P0001
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Popular Downloads

Data Sheet, Technical Information	2CDC002177D0204
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External Classifications and Standards	
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
ETIM 10	EC000042 - Miniature circuit breaker (MCB)
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Standards	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Certification Agency	CSA EN IEC UL

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs → SU200M

