



PRODUCT-DETAILS

ST203M-B50

Miniature Circuit Breaker - ST200M - 3P - 50 A - B



General Information	
Extended Product Type	ST203M-B50
Product ID	2CDS273334R0505
EAN	4016779024860
Catalog Description	Miniature Circuit Breaker - ST200M - 3P - 50 A - B
Long Description	ST203M-B50 Miniature Circuit Breaker ST203M-B50 Miniature Circuit Breaker B-Char., 5kA, 50A, 3P

Technical	
Tripping Characteristic	B
Rated Operational Voltage	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
Input Voltage Type	AC
Rated Current (I _n)	50 A

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(400 V AC) 15 kA (400 V) 15 kA
Rated Conditional Short-Circuit Current (I _{nc})	(230 V) 15 kA (400 V) 15 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(400 V AC) 7.5 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	2 W at Rated Operating Conditions per Pole 2 W
Energy Limiting Class	3
Number of Protected Poles	3
Number of Poles	3P
Overvoltage Category	III
Accessories Available	Yes
Connecting Capacity	Flexible 25 ... 25 mm ² Rigid 35 ... 35 mm ²
Terminal Type	Double Clamp

Material Compliance

RoHS Information	2CDK400679D2703
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20221214
REACH Declaration	9AKK107492A1906
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	171856b6-03a8-4c04-9bae-ec01c5a7d7da Germany (DE)

Environmental

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

Technical UL/CSA

Interrupting Rating acc. to UL1077	(125 V DC) 10 kA (480Y / 277 V AC) 5 kA
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Dimensions

Width in Number of Modular Spacings	3.0
Product Net Width	52.5 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.345 kg

Built-In Depth (t ₂)	69 mm
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Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.39 kg

Certificates and Declarations

Declaration of Conformity - CE	2CDK400679D2703
Declaration of Conformity - UKCA	9AKK108467A5200

Installation

Instructions and Manuals	9AKK107046A3150
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Popular Downloads

Data Sheet, Technical Information	9AKK107046A3150
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External Classifications and Standards

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	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Certification Agency	CSA EN IEC UL

Categories

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



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