



 PRODUCT-DETAILS

ST203M-K50

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



General Information

Extended Product Type:	ST203M-K50
Product ID:	2CDS273334R0577
EAN:	4016779025041
Catalog Description:	Miniature Circuit Breaker - ST200M - 3P - 50 A - K
Long Description:	ST203M-K50 Miniature Circuit Breaker ST203M-K50 Miniature Circuit Breaker K-Char., 5kA, 50A, 3P
Display Name:	ST203M-K50

ABB EcoSolutions

ABB EcoSolutions:	Yes
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 80.7 %
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: 9AKK108468A3132

Environmental Product Declaration - EPD: 9AKK108467A7832

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) 7.5 kA
Energy Limiting Class:	3
Number of Protected Poles:	3
Number of Poles:	3P
Accessories Available:	Yes
Connecting Capacity:	Flexible 25 ... 25 mm ² Rigid 35 ... 35 mm ²
Terminal Type:	Double Clamp

Electrical

Tripping Characteristic:	K
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/DC
Rated Current (I_n):	50 A
Rated Conditional Short-Circuit Current (I_{nc}):	(230 V) 15 kA (400 V) 15 kA
Rated Frequency (f):	50 / 60 Hz
Power Loss:	3.6 W at Rated Operating Conditions per Pole 3.6 W
Overvoltage Category:	III

Technical UL/CSA

Interrupting Rating acc. to UL1077:	(125 V DC) 10 kA (480Y / 277 V AC) 5 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:	171856b6-03a8-4c04-9bae-ec01c5a7d7da 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

Dimensions

Width in Number of Modular Spacings:	3
Product Net Width:	52.5 mm
Product Net Height:	88 mm
Product Net Depth / Length:	69 mm
Product Net Weight:	0.36 kg
Built-In Depth (t ₂):	69 mm

Ordering

Package Level 1 Units:	carton 3 piece
Package Level 1 Gross Weight:	1.1 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 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. 235 IEC/EN 60947-2 UL 1077
Certification Agency:	CSA EN IEC UL

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers MCBs > Miniature Circuit Breakers MCBs > ST200M



360°

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