PRODUCT-DETAILS

SX201-B32

Miniature Circuit Breaker - SX200 - 1P - 32 A - B - (AC) 6 kA

General Information

Extended Product Type	SX201-B32
Product ID	2CDS251003R0325
EAN	4053546052602
Catalog Description	Miniature Circuit Breaker - SX200 - 1P - 32 A - B - (AC) 6 kA
Long Description	The SX200 series miniature circuit breaker for protection of circuits against overload and short circuit. SX200 is part of the FlexLine portfolio.

ABB EcoSolutions

ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108469A3788
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 89.2 %
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	9AKK108468A2310

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Instructions	
Environmental Product Declaration - EPD	9AKK108468A5813

Technical

Dielectric Test Voltage	50 / 60 Hz - 1 min 2 kV
Power Supply Connection	Bottom
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	20000 AC cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	1
Number of Poles	1P
Tightening Torque	Input Circuit 1.2 N·m Output Circuit 2.8 N·m
Actuator Type	Toggle
Screw Terminal Type	Bridge Clamp
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Recommended Screw Driver	Pozidriv 2
Accessories Available	No
Connecting Capacity	Conductor (Supply) 1 ... 10 mm² Screw Clamp / Flexible 0.75 ... 25 mm² Screw Clamp / Rigid 0.75 ... 35 mm² Screw Clamp / With Insulated Ferrrule 0.75 ... 25 mm²
Installation Size	acc. to DIN 43880 1
Wire Stripping Length	12 mm
Terminal Type	Screwless Terminals

Electrical

Tripping Characteristic	B
Rated Operational Voltage	acc. to IEC 60898-1 230 V AC
Operational Voltage	Minimum 12 V AC / 12 V DC
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
Rated Current (I_n)	32 A
Rated Short-Circuit Capacity	(AC) 6 kA (230 / 400 V AC) 6 kA (230 V) 6 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	3.7 W at Rated Load 3.7 W at Rated Operating Conditions per Pole 3.7 W
Overvoltage Category	III

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Design

Housing Material	Insulation Group II, RAL 7035

Material Compliance

RoHS Information	9AKK108468A3013
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	2235
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
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 Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	2
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

Dimensions

Width in Number of Modular Spacings	1.0
Product Net Width	17.6 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.115 kg
Built-In Depth (t_2)	69 mm

Ordering

Package Level 1 Units	carton 10 piece
Package Level 1 Gross Weight	1.2 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK108468A3013
Declaration of Conformity - UKCA	9AKK108468A3014

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Installation

Instructions and Manuals	9AKK108468A5237
Instructions and Manuals (Part 2)	9AKK108468A5236
Mounting Type	DIN-Rail
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	any

Popular Downloads

Data Sheet, Technical Information	9AKK108468A1272

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)	4897 >> Miniature circuit breakers
Standards	IEC/EN 60898-1
Certification Agency	EN IEC

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs → SX200

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