



 PRODUCT-DETAILS

SNX203-B6

Miniature circuit breaker - 3+NP - B - 6 A



General Information

Extended Product Type	SNX203-B6
Product ID	2CSS256301R0065
EAN	8012542519751
Catalog Description	Miniature circuit breaker - 3+NP - B - 6 A
Long Description	The SNX203 series miniature circuit breaker is a 3P+N device in 3 module for the protection of circuits against overload and short circuit. Neutral is on the right. SNX203 is part of the FlexLine portfolio.

ABB EcoSolutions

ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108469A3789
End of Life Instructions	9AKK108468A2305
Environmental Product Declaration - EPD	9AKK108468A8863

Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	B
Rated Voltage (U _r)	400 V AC
Rated Operational Voltage	acc. to IEC 60898-1 400 V
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Dielectric Test Voltage	2.5 kV
Primary Rated Impulse Withstand Voltage	4 kV
Input Voltage Type	AC
Rated Current (I _n)	6 A
Rated Short-Circuit Capacity	(400 V) 6 kA
Frequency (f)	50 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	8.7 W
Power Supply Connection	Bottom
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	3
Number of Poles	3+N
Number of Modular Spacings per DIN Rail	3
Overvoltage Category	III
Position of Neutral Terminals	Right
Tightening Torque	1.2 N·m
Actuator Type	Toggle - Insulation group IIIA, black, sealable in ON-OFF positions
Housing Type	Insulation group II, RAL 7035
Mounting Type	DIN-Rail
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Options Provided	screwless
Mounting Position	Any
Accessories Available	No
Connecting Capacity	Screw Clamp / Rigid 1 ... 10 mm ² Screw Clamp / With Insulated Ferrule 1 ... 6 mm ² Screw Clamp / Without Insulated Ferrule 1 ... 6 mm ² Push-in / Flexible With Insulated Ferrule 2 x 1 ... 2.5 mm ² Push-in / Flexible Without Insulated Ferrule 2 x 1 ... 2.5 mm ² Push-in / Rigid 2 x 1 ... 4 mm ² Screw Clamp / Flexible 1 ... 10 mm ²
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals Push-in Spring Terminals

Material Compliance

RoHS Information

9AKK108468A3297

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25 ... 55 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Conditions	28 cycle with 25 °C / 95-100 % with 55 °C / 90-96 %
Environmental Information	refer to RoHS information

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	6 kA
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Dimensions

Width in Number of Modular Spacings	3
Product Net Width	52.8 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	330 g
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.350 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK108468A3297
Declaration of Conformity - UKCA	9AKK108468A3297

Popular Downloads

Data Sheet, Technical Information	9AKK108468A1272
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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	85362010
eClass	V11.0 : 27141901
Object Classification Code	F

Categories

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

