



PRODUCT-DETAILS

DSX203NC B16 A30

DSX203NC B16 A30 - RCBO



General Information	
Extended Product Type	DSX203NC B16 A30
Product ID	2CSR256192R1165
EAN	8012542528050
Catalog Description	DSX203NC B16 A30 - RCBO
Long Description	DSX203NC is a 3P+N residual current circuit breaker with overcurrent protection (RCBO) in four modules for the protection against short-circuit currents, overload, earth fault currents, indirect contacts, additional protection against direct contacts. DSX203NC is part of the FlexLine portfolio.

ABB EcoSolutions	
ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108469A3790
ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
End Of Life Disassembling Instructions	9AKK108468A2306
Environmental Product Declaration - EPD	9AKK108468A8864

Technical

Type of Residual Current	Type A
Test Voltage (U _t)	300... 440 V
Dielectric Test Voltage	2.5 kV
Rated Residual Breaking Capacity (I _{Δm})	EN 61009-1 6000 A IEC 61009-1 4500 A
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs})	6 kA
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	7000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	3
Number of Poles	4P
Number of Modular Spacings per DIN Rail	4
Fault Indication	Blue Flag Below Toggle
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right
Tightening Torque	1.2 N·m
Actuator Type	Toggle - Insulation group II, Orange RAL 2004, sealable in ON-OFF-positions
Earthing Switch Type	Undelayed
Housing Type	Insulation group I, RAL 7035
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Options Provided	screwless
Connecting Capacity	Screw Clamp / Rigid 1 ... 10 mm² Screw Clamp / With Insulated Ferrule 1 ... 6 mm² Screw Clamp / Without Insulated Ferrule 1 ... 6 mm² Push-in / Flexible With Insulated Ferrule 2 x 1 ... 2.5 mm² Push-in / Flexible Without Insulated Ferrule 2 x 1 ... 2.5 mm² Push-in / Rigid 2 x 1 ... 4 mm² Screw Clamp / Flexible 1 ... 10 mm²
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals Push-in Spring Terminals

Electrical

Tripping Characteristic	B
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
Input Voltage Type	AC
Rated Current (I _n)	16 A
Rated Residual Current	30 mA
Rated Conditional Short-Circuit Current (I _{nc})	10 kA
Rated Frequency (f)	50 Hz
Power Loss	11.5 W
Overvoltage Category	III

Design

Number of Modules	4
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Material Compliance

RoHS Information	9AKK108468A3294
RoHS Status	No declaration needed
RoHS Date	20150415
REACH Declaration	9AKK108467A9482
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240429
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
Degree of Protection	IP2X IP40
Pollution Degree	2
Environmental Conditions	28 cycle with 25 °C / 95-100 % with 55 °C / 90-96 %

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	71 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	480 g
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.530 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK108468A3294
Declaration of Conformity - UKCA	9AKK108468A3294

Installation

Mounting Type	DIN-Rail
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Popular Downloads

External Classifications and Standards

ETIM 9	EC000905 - Earth leakage circuit breaker
ETIM 10	EC000905 - Earth leakage circuit breaker
eClass	V11.0 : 27142207
Object Classification Code	F
Standards	IEC 61009-1, IEC 61009-2-1, EN 61009-1, EN 61009-2-1

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

