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 PRODUCT-DETAILS

## S2011C-B4

### Miniature circuit breaker - 2P - B - 4 A




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**General Information**

Extended Product Type	S2011C-B4
Product ID	2CDS251281R0045
EAN	4053546044508
Catalog Description	Miniature circuit breaker - 2P - B - 4 A
Long Description	The S2011C series miniature circuit breaker is a 1P+1P device in 1 module for the protection of circuits against overload and short circuit. The two poles are independent, with two different toggles and tripping mechanism

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**ABB EcoSolutions**

ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 85.36 %
Circular Design Principles Resource Reduction	Design for Reduced Resource Consumption - 52 %
Sustainable Material Content in Packaging	FSC 100% Cardboard - 100 %

Improved Resource Efficiency for Customers	Product Efficiency - Product considered more energy-efficient compared to similar product on market or older products from the same line
Offered with Extended Lifetime	Product Durability
End of Life Instructions	9AKK108468A3913
Environmental Product Declaration - EPD	9AKK108467A5789

## Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	B
Rated Operational Voltage	acc. to IEC 60898-1 240 V
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	4 A
Rated Short-Circuit Capacity	(230 V) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(230 V) 6 kA
Rated Conditional Short-Circuit Current (I <sub>nc</sub> )	(230 V) 6 kA
Rated Frequency (f)	50/60 Hz
Power Loss	2.7 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	2
Number of Poles	2
Overvoltage Category	III
Options Provided	G2C accessories
Accessories Available	Yes
Connecting Capacity	Flexible 1 ... 10 mm <sup>2</sup> Rigid 1 ... 16 mm <sup>2</sup>

## Material Compliance

RoHS Information	9AKK107492A9802
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20191001
REACH Declaration	9AKK108468A6446
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20230918
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Air Temperature	Operation -25 ... 55 °C
Degree of Protection	IP20
Pollution Degree	2

## Dimensions

Width in Number of Modular Spacings	1
Product Net Width	18 mm
Product Net Height	86 mm
Product Net Depth / Length	70 mm
Product Net Weight	0.16 kg
Built-In Depth (t <sub>2</sub> )	70 mm

## Ordering

Package Level 1 Units	carton 12 piece
Package Level 1 Gross Weight	1.97 kg
E-Number (Finland)	3210986
E-Number (Sweden)	2100829

## Certificates and Declarations

Declaration of Conformity - CE	9AKK107492A9802
Certification Agency	EN IEC

## Installation

Instructions and Manuals	No document needed
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## Popular Downloads

Data Sheet, Technical Information	9AKK107492A9936
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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 Consumer
CN8	8536 20 10
UNSPSC	39121603
eClass	V7.0 : 27141901
IDEA Granular Category	4899 >> Miniature circuit breaker (MCB) screw-in model

Code (IGCC)

Object Classification

Code

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## Categories

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

