



 PRODUCT-DETAILS

S2011C-B20

Miniature circuit breaker - 2P - B - 20 A



General Information

| | |
|-----------------------|---|
| Extended Product Type | S2011C-B20 |
| Product ID | 2CDS251281R0205 |
| EAN | 4053546044607 |
| Catalog Description | Miniature circuit breaker - 2P - B - 20 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 |

ABB EcoSolutions

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| 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 % |

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| 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

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|---|---|
| Standards | IEC/EN 60898-1 |
| Tripping Characteristic | B |
| Rated Operational Voltage | acc. to IEC 60898-1 240 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) | 20 A |
| Rated Short-Circuit Capacity | (230 V) 6 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (230 V) 6 kA |
| Rated Conditional Short-Circuit Current (I _{nc}) | (230 V) 6 kA |
| Rated Frequency (f) | 50/60 Hz |
| Power Loss | 5 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 ² Rigid 1 ... 16 mm ² |

Material Compliance

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|---|--|
| 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

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

Dimensions

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|-------------------------------------|---------|
| 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 ₂) | 70 mm |

Ordering

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|------------------------------|-----------------|
| Package Level 1 Units | carton 12 piece |
| Package Level 1 Gross Weight | 1.97 kg |
| E-Number (Finland) | 3210991 |
| E-Number (Sweden) | 2100841 |

Certificates and Declarations

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|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK107492A9802 |
| Certification Agency | EN IEC |

Installation

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|--------------------------|--------------------|
| Instructions and Manuals | No document needed |
|--------------------------|--------------------|

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107492A9936 |
|-----------------------------------|-----------------|

Classifications

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|------------------------|--|
| 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 | V11.0 : 27141901 |
| IDEA Granular Category | 4899 >> Miniature circuit breaker (MCB) screw-in model |

Code (IGCC)

Object Classification

Code

F

Categories

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

