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

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

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 mm² Rigid 1 … 16 mm²

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

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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_2)	70 mm

Ordering

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

Declaration of Conformity - CE	9AKK107492A9802
Certification Agency	EN IEC

Installation

Instructions and Manuals	No document needed

Popular Downloads

Data Sheet, Technical Information	9AKK107492A9936

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

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Code (IGCC)	
Object Classification Code	F

Categories

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





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