PRODUCT-DETAILS

S203C-C20

Miniature circuit breaker - 3P - C - 20 A



General Information

Extended Product Type	S203C-C20
Product ID	2CDS253280R0204
EAN	4053546045109
Catalog Description	Miniature circuit breaker - 3P - C - 20 A
Long Description	The S203C series miniature circuit breaker is a 3P device in 2 modules for the protection of circuits against overload and short circuit.

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

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Environmental Product Declaration - EPD	9AKK108467A5789

Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 415 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 (400 V) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(230 V) 6 kA (400 V) 6 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 6 kA (400 V) 6 kA
Rated Frequency (f)	50/60 Hz
Power Loss	7.6 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	3
Number of Poles	3
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

Environmental

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

Dimensions

Width in Number of Modular Spacings	2

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Product Net Width	36 mm
Product Net Height	86 mm
Product Net Depth / Length	70 mm
Product Net Weight	0.32 kg
Built-In Depth (t_2)	70 mm

Ordering

Package Level 1 Units	carton 6 piece
Package Level 1 Gross Weight	1.97 kg
E-Number (Finland)	3212055
E-Number (Norway)	1683459
E-Number (Sweden)	2100933

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 Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Object Classification Code	F

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Categories

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







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