



 PRODUCT-DETAILS

S202TC-B20

Miniature Circuit Breaker - S200C Enhancement - 2P - 20 A - B - (230 V) 6 kA



General Information

Extended Product Type:	S202TC-B20
Product ID:	2CSS252421R0205
EAN:	8012542740858
Catalog Description:	Miniature Circuit Breaker - S200C Enhancement - 2P - 20 A - B - (230 V) 6 kA
Long Description:	The S202TC series miniature circuit breaker is a 2P device in 1 module for the protection of circuits against overload and short circuit. Suitable for traction applications, thanks to dedicated plastic material.
Display Name:	S202TC-B20

ABB EcoSolutions

ABB EcoSolutions:	Yes
EcoSolutions Profile:	9AKK108471A1276
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 88.23 %
Material Resource Reduction (wt. %):	Design for Reduced Resource Consumption - 43.18 %

ABB Site Meeting Group Waste To Landfill Target: No non-hazardous waste is sent to a landfill
UL 2799 Zero Waste To Landfill Validation available

Sustainable Material Content in Packaging (wt. %): FSC Mix Cardboard - 100 %

Improved Energy Efficiency for Customers:	Product Efficiency - Product considered more energy-efficient compared to similar product on market or older products from the same line Product Efficiency - Product requires less energy to operate compared to similar product on market or older products from the same line Process Efficiency - Product improves/optimizes process Process Efficiency - Product contribute to reducing customer operations environmental footprint
Extended Product Lifetime:	Product Durability
End Of Life Disassembling Instructions:	9AKK108471A1270
Environmental Product Declaration - EPD:	9AKK108471A1273

Technical

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(240 / 415 V AC) 7.5 kA
Contact Position Indication:	ON / OFF
Energy Limiting Class:	3
Electrical Endurance:	7000 cycle
Mechanical Endurance:	7000 cycle
Number of Protected Poles:	2
Number of Poles:	2P
Tightening Torque:	1.2 N·m
Screw Terminal Type:	Cage Terminal
Actuator Marking:	I / O
Accessories Available:	Yes
Connecting Capacity:	Flexible 1 ... 10 mm ² Rigid 1 ... 16 mm ²
Wire Stripping Length:	10 mm
Terminal Type:	Screw Terminals

Electrical

Tripping Characteristic:	B
Rated Operational Voltage:	acc. to IEC 60898-1 240 V
Operational Voltage:	253 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 Frequency (f):	50 ... 60 Hz
Power Loss:	Total 5.6 W

Overvoltage Category: III

Material Compliance

RoHS Declaration:	9AKK108471A3528
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20250624
REACH Information:	No declaration needed
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Consumer

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:	17.6 mm
Product Net Height:	85 mm
Product Net Depth / Length:	69 mm
Product Net Weight:	120 g
Built-In Depth (t ₂):	69.4 mm

Ordering

Package Level 1 Units:	box 6 piece
Package Level 1 Gross Weight:	720 g
E-Number (Sweden):	2101658

Certificates and Declarations

Declaration of Conformity - CE:	9AKK108471A3528
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External Classifications and Standards

ETIM 9:	EC000042 - Miniature circuit breaker (MCB)
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ETIM 10: EC000042 - Miniature circuit breaker (MCB)

Standards: IEC/EN 60898-1

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers MCBs > Miniature Circuit Breakers MCBs > S200C

