



PRODUCT-DETAILS

S202C-C6

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



General Information	
Extended Product Type	S202C-C6
Product ID	2CSS252420R0064
EAN	8012542735151
Catalog Description	Miniature Circuit Breaker - S200C Enhancement - 2P - 6 A - C - (230 V) 6 kA
Long Description	The S202C series miniature circuit breaker is a 2P device in 1 module for the protection of circuits against overload and short circuit.

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	FSC Mix Cardboard - 100 %

(wt. %)

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	C
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)	6 A
Rated Short-Circuit Capacity	(230 V) 6 kA
Rated Frequency (f)	50 ... 60 Hz
Power Loss	3.3 W
Overvoltage Category	III

Material Compliance

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	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

Container Information

Package Level 1 Units	box 6 piece
Package Level 1 Width	92 mm
Package Level 1 Height	75 mm
Package Level 1 Depth / Length	110 mm
Package Level 1 Gross Weight	720 g
Package Level 1 EAN	8012542754350
Package Level 2 Units	crate 72 box
Package Level 2 Width	238 mm
Package Level 2 Height	212 mm
Package Level 2 Depth / Length	255 mm
Package Level 2 Gross Weight	8640 g
Package Level 2 EAN	8012542773559

Ordering

Minimum Order Quantity	6 piece
E-Number (Sweden)	2101587

External Classifications and Standards

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
Standards	IEC/EN 60898-1

Categories

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

