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 PRODUCT-DETAILS

## S202TC-C6

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




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#### General Information

<b>Extended Product Type:</b>	S202TC-C6
<b>Product ID:</b>	2CSS252421R0064
<b>EAN:</b>	8012542741350
<b>Catalog Description:</b>	Miniature Circuit Breaker - S200C Enhancement - 2P - 6 A - C - (230 V) 6 kA
<b>Long Description:</b>	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.
<b>Display Name:</b>	S202TC-C6

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#### ABB EcoSolutions

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

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

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

<b>Improved Energy Efficiency for Customers:</b>	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
<b>Extended Product Lifetime:</b>	Product Durability
<b>End Of Life Disassembling Instructions:</b>	9AKK108471A1270
<b>Environmental Product Declaration - EPD:</b>	9AKK108471A1273

## Technical

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

## Electrical

<b>Tripping Characteristic:</b>	C
<b>Rated Operational Voltage:</b>	acc. to IEC 60898-1 240 V
<b>Operational Voltage:</b>	253 V
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	acc. to IEC/EN 60664-1 500 V
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	4 kV
<b>Input Voltage Type:</b>	AC
<b>Rated Current (<math>I_n</math>):</b>	6 A
<b>Rated Short-Circuit Capacity:</b>	(230 V) 6 kA
<b>Rated Frequency (f):</b>	50 ... 60 Hz
<b>Power Loss:</b>	Total 3.3 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 <sub>2</sub> ):	69.4 mm

## Ordering

Package Level 1 Units:	box 6 piece
Package Level 1 Gross Weight:	720 g
E-Number (Sweden):	2101664

## 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

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## Categories

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

