



 PRODUCT-DETAILS

S202TC-B16

Miniature Circuit Breaker - S200C Enhancement - 2P - 16 A - B - (230 V) 6 kA



General Information

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| Extended Product Type: | S202TC-B16 |
| Product ID: | 2CSS252421R0165 |
| EAN: | 8012542740759 |
| Catalog Description: | Miniature Circuit Breaker - S200C Enhancement - 2P - 16 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-B16 |

ABB EcoSolutions

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

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

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| 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

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| 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

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| 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): | 16 A |
| Rated Short-Circuit Capacity: | (230 V) 6 kA |
| Rated Frequency (f): | 50 ... 60 Hz |
| Power Loss: | Total 4.6 W |

Overvoltage Category: III

Material Compliance

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| 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

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| Ambient Air Temperature: | Operation -25 ... 55 °C |
| Degree of Protection: | IP20 |
| Pollution Degree: | 2 |

Dimensions

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| 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

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| Package Level 1 Units: | box 6 piece |
| Package Level 1 Gross Weight: | 720 g |
| E-Number (Sweden): | 2101657 |

Certificates and Declarations

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

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| 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

