PRODUCT-DETAILS

# S203C-B16

# S203C-B16 Miniature circuit breaker - 3P - B - 16 A



## General Information

| | |
|---|---|
| Extended Product Type | S203C-B16 |
| Product ID | 2CDS253280R0165 |
| EAN | 4053546045093 |
| Catalog Description | S203C-B16 Miniature circuit breaker - 3P - B - 16 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 Value

| | |
|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 84 % |
| End of Life Instructions | 9AKK108468A3913 |

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## Eco Transparency

| | |
|---|---|
| Environmental Product Declaration - EPD | 9AKK108467A5789 |

## Technical

| | |
|---|---|
| Standards | IEC/EN 60898-1 |
| Tripping Characteristic | B |
| 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 ($I_n$) | 16 A |
| Rated Short-Circuit Capacity | (230 V) 6 kA<br>(400 V) 6 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (230 V) 6 kA<br>(400 V) 6 kA |
| Rated Conditional Short-Circuit Current ($I_{nc}$) | (230 V) 6 kA<br>(400 V) 6 kA |
| Rated Frequency (f) | 50/60 Hz |
| Power Loss | 6.3 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<br>Rigid 1 … 16 mm² |

## Material Compliance

| | |
|---|---|
| RoHS Information | 9AKK107492A9802 |
| RoHS Status | Following EU Directive 2011/65/EU |
| RoHS Date | 20191001 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

## Environmental

| | |
|---|---|
| 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 | 2 |
| Product Net Width | 36 mm |
| Product Net Height | 86 mm |

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| | |
|---|---|
| Product Net Depth / Length | 70 mm |
| Product Net Weight | 0.32 kg |
| Built-In Depth ($t_2$) | 70 mm |

## Ordering

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|---|---|
| Package Level 1 Units | carton 6 piece |
| Package Level 1 Gross Weight | 1.97 kg |
| E-Number (Finland) | 3212037 |
| E-Number (Sweden) | 2100903 |

## Certificates and Declarations

| | |
|---|---|
| Certification Agency | EN<br>IEC |
| Declaration of Conformity - CE | 9AKK107492A9802 |

## 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 | 39121614 |
| eClass | V11.0 : 27141901 |
| Object Classification Code | F |

## Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|---|---|---|---|---|
| 2CDS200931R0001 | G2C-H6-L+R Signal / Auxiliary Contact | G2C-H6-L+R | 1 | piece |
| 2CDS200932R0001 | G2C-S/H6-L+R Signal / Auxiliary Contact | G2C-S/H6-L+R | 1 | piece |
| 2CDS200932R0011 | G2C-S/H6-L+R-KL Signal / Auxiliary Contact | G2C-S/H6-L+R-KL | 1 | piece |

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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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