



PRODUCT-DETAILS

S204CL-C20

S204CL-C20 Miniature circuit breaker - 4P - C - 20 A



| General Information   |                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | S204CL-C20                                                                                                                                |
| Product ID            | 2CDS244280R0204                                                                                                                           |
| EAN                   | 4053546044416                                                                                                                             |
| Catalog Description   | S204CL-C20 Miniature circuit breaker - 4P - C - 20 A                                                                                      |
| Long Description      | The S204C series miniature circuit breaker is a 4P 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                                             |

Eco Transparency

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

Technical

|                                                                   |                                                                     |
|-------------------------------------------------------------------|---------------------------------------------------------------------|
| Standards                                                         | IEC/EN 60898-1                                                      |
| Tripping Characteristic                                           | C                                                                   |
| Rated Operational Voltage                                         | acc. to IEC 60898-1 415 V                                           |
| Rated Insulation Voltage (U <sub>i</sub> )                        | acc. to IEC/EN 60664-1 500 V                                        |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 4 kV                                                                |
| Input Voltage Type                                                | AC                                                                  |
| Rated Current (I <sub>n</sub> )                                   | 20 A                                                                |
| Rated Short-Circuit Capacity                                      | (230 V) 4.5 kA<br>(400 V) 4.5 kA                                    |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (230 V) 6 kA<br>(400 V) 6 kA                                        |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> )        | (230 V) 6 kA<br>(400 V) 6 kA                                        |
| Rated Frequency (f)                                               | 50/60 Hz                                                            |
| Power Loss                                                        | 10.1 W                                                              |
| Power Supply Connection                                           | Arbitrary                                                           |
| Energy Limiting Class                                             | 3                                                                   |
| Electrical Endurance                                              | 10000 cycle                                                         |
| Mechanical Endurance                                              | 20000 cycle                                                         |
| Number of Protected Poles                                         | 4                                                                   |
| Number of Poles                                                   | 4                                                                   |
| Overvoltage Category                                              | III                                                                 |
| Options Provided                                                  | G2C accessories                                                     |
| Accessories Available                                             | Yes                                                                 |
| Connecting Capacity                                               | Flexible 1 ... 10 mm <sup>2</sup><br>Rigid 1 ... 16 mm <sup>2</sup> |

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

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 2       |
| Product Net Width                   | 36 mm   |
| Product Net Height                  | 86 mm   |
| Product Net Depth / Length          | 70 mm   |
| Product Net Weight                  | 0.32 kg |
| Built-In Depth (t <sub>2</sub> )    | 70 mm   |

Ordering

|                              |                |
|------------------------------|----------------|
| Package Level 1 Units        | carton 6 piece |
| Package Level 1 Gross Weight | 1.97 kg        |

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                                                          |

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## Categories

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

