

# BMS413C25



BMS413C25 Miniature Circuit Breaker C-Char., 4,5kA, 25A, 3P



## General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | BMS413C25  |
| Product ID            | 2CDS643041R0254  |
| EAN                   | 4016779047760  |
| Catalog Description   | BMS413C25 Miniature Circuit Breaker C-Char., 4,5kA, 25A, 3P  |
| Long Description      | <p>The basic M MCB series protects installations against overloads and short-circuits, guaranteeing reliability and safety of operations.</p> <p>ABB basic M series satisfies most common requirements in terms of MCBs, allowing the usage of different pole configurations, characteristics and rated currents for residential and commercial applications. This product is manufactured according to international IEC standards.</p> |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 4016779047760 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362010      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 52.5 mm  |
| Product Net Height         | 69 mm    |
| Product Net Depth / Length | 88 mm    |
| Product Net Weight         | 0.279 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 4 piece       |
| Package Level 1 Width          | 92 mm         |
| Package Level 1 Height         | 80 mm         |
| Package Level 1 Depth / Length | 220 mm        |
| Package Level 1 Gross Weight   | 1.293 kg      |
| Package Level 1 EAN            | 4016779047777 |
| Package Level 2 Units          | 32 piece      |
| Package Level 2 Width          | 183 mm        |
| Package Level 2 Height         | 164 mm        |
| Package Level 2 Depth / Length | 445 mm        |
| Package Level 2 Gross Weight   | 10.344 kg     |
| Package Level 2 EAN            | 4016779054515 |

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## Environmental

|                         |  |
|-------------------------|--|
| Ambient Air Temperature | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C |
|-------------------------|--|

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## Additional Information

|   |   |
|---|---|
| Actuator Type                                   | Toggle  |
| Connecting Capacity                             | Flexible 1...16 mm <sup>2</sup><br>Rigid 1...25 mm <sup>2</sup> |
| Degree of Protection                            | IP20  |
| Number of Poles                                 | 3   |
| Number of Protected Poles                       | 3   |
| Power Supply Connection                         | Arbitrary   |
| Product Main Type                               | Basic M BMS   |
| Product Name                                    | Miniature Circuit Breaker                                       |
| Rated Current (I <sub>n</sub> )                 | 25 A  |
| Rated Frequency (f)                             | 50 Hz   |
| Rated Operational Voltage                       | acc. to IEC 60898-1 400 V AC                                    |
| Rated Short-Circuit Capacity (I <sub>cn</sub> ) | (400 V AC) 4.5 kA   |
| Recommended Screw Driver                        | Pozidriv 2  |
| Remarks   | IP40 in enclosure with cover                                    |
| RoHS Date                                       | 20170816  |
| Standards                                       | IEC 60898-1   |
| Tightening Torque                               | 2 N·m   |
| Tripping Characteristic                         | C   |
| Wire Stripping Length                           | 12.5 mm   |

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## Certificates and Declarations (Document Number)

|                                   |                     |
|-----------------------------------|---------------------|
| Data Sheet, Technical Information | 9AKK107045A1496     |
| Declaration of Conformity - CE    | 2CDK400666D2701     |
| Instructions and Manuals          | on the product body |
| RoHS Information                  | 2CDK400667D0201     |

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## Classifications

|               |  |
|---------------|--|
| ETIM 5        | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 6        | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 7        | EC000042 - Miniature circuit breaker (MCB)                 |
| UNSPSC        | 39121614   |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| eClass        | 7.0 27141901   |

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## Categories

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

