

# BMS412C25



BMS412C25 Miniature Circuit Breaker C-Char., 4,5kA, 25A, 2P



## General Information

Extended Product Type	BMS412C25
Product ID	2CDS642041R0254
EAN	4016779047043
Catalog Description	BMS412C25 Miniature Circuit Breaker C-Char., 4,5kA, 25A, 2P
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	4016779047043
Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

## Dimensions

Product Net Width	35 mm
Product Net Height	69 mm
Product Net Depth / Length	88 mm
Product Net Weight	0.186 kg

## Container Information

Package Level 1 Units	6 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	4016779047050
Package Level 2 Units	48 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	4016779054157

---

## Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
-------------------------	--

---



---

## Additional Information

Actuator Type	Toggle
Connecting Capacity	Flexible 1...16 mm <sup>2</sup> Rigid 1...25 mm <sup>2</sup>
Degree of Protection	IP20
Number of Poles	2
Number of Protected Poles	2
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

---



---

## 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

---



---

## 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

---



---

## Categories

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

