

PRODUCT-DETAILS

EP33C20

EP33C20 Miniature Circuit Breaker



General Information

Global Commercial Alias	EP33C20
Extended Product Type	EP33C20
Product ID	2CDB101301R0204
EAN	5413656709213
Catalog Description	EP33C20 Miniature Circuit Breaker
Long Description	MCB EP30 3kA 3P C 20A

Technical

Standards	IEC/EN 60898-1 IEC/EN 60947-2
Product Name	Miniature Circuit Breaker
Tripping Characteristic	C
Rated Operational Voltage	400 V AC
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U _{imp})	6 kV
Input Voltage Type	AC
Rated Current (I _n)	20 A
Rated Short-Circuit Capacity (I _{cn})	(400 V AC) 3 kA
Rated Ultimate Short-	(230 V AC) 5 kA

Circuit Breaking Capacity (I_{cu})	
Rated Conditional Short-Circuit Current (I_{nc})	(400 V) 5 kA
Rated Frequency (f)	50 / 60 Hz
Energy Limiting Class	3
Number of Poles	3
Number of Protected Poles	3
Overvoltage Category	III
Accessories Available	Yes
Number of Batteries	0
Connecting Capacity	Flexible 0.75 ... 25 mm ² Rigid 1 ... 35 mm ²

Environmental

Ambient Air Temperature	Operation -20 ... +55 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	0.054 m
Product Net Height	0.086 m
Product Net Depth / Length	0.076 m
Product Net Weight	0.36 kg
Built-In Depth (t_2)	70 mm

Container Information

Package Level 1 Units	pack 4 piece
Package Level 1 Width	0.075 m
Package Level 1 Height	0.092 m
Package Level 1 Depth / Length	0.212 m
Package Level 1 Gross Weight	1.57 kg

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Country of Origin	Poland (PL)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Certification Agency	EN IEC
Declaration of Conformity - CE	9AKK107991A0939

Instructions and Manuals	No document needed
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Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and Manuals	No document needed

Classifications

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
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	Q

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → ABB VY → MCB ABB VY

