

PRODUCT-DETAILS

EPC62C20

EPC62C20 Miniature Circuit Breaker



General Information

Extended Product Type	EPC62C20
Product ID	2CDB112201R0204
EAN	5413656945406
Catalog Description	EPC62C20 Miniature Circuit Breaker
Long Description	MCB EPC60 6kA 2P C 20A - Miniature Circuit Breaker

ABB EcoSolutions

ABB EcoSolutions	No
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Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 84 %
Circular Design Principles Resource Reduction	Design for Reduced Resource Consumption - 52 %
Sustainable Material Content	0 %
Group Waste to Landfill Target	Non-hazardous waste is sent to a landfill, where there is no alternative option available within 100km of a facility
Improved Resource Efficiency for Customers Offered with Extended Lifetime	Product Efficiency - Product requires less energy to operate compared to similar product on market or older products from the same line Product Durability
Offered with Takeback	Take Back for Recycling

Services

End of Life Instructions	9AKK108468A3913
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Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A5789
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Technical

Standards	IEC/EN 60898-1 IEC/EN 60947-2
Tripping Characteristic	C
Rated Operational Voltage	400 V AC 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})	6 kV
Primary Rated Impulse Withstand Voltage	4 kV
Input Voltage Type	AC
Rated Current (I _n)	20 A
Rated Short-Circuit Capacity	(415 V AC) 6 kA (230 V) 6 kA (400 V) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(230 V AC) 20 kA (415 V AC) 10 kA (230 V) 10 kA (400 V) 10 kA
Rated Conditional Short-Circuit Current (I _{nc})	(230 V) 10 kA (400 V) 10 kA
Rated Frequency (f)	50/60 Hz
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	III
Accessories Available	Yes
Number of Batteries	0
Connecting Capacity	Flexible 0.75 ... 10 mm ² Rigid 0.75 ... 16 mm ²

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	9AKK107991A0942

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.018 m
Product Net Height	0.086 m
Product Net Depth / Length	0.076 m
Product Net Weight	0.16 kg
Built-In Depth (t ₂)	70 mm

Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	pack 12 piece
Package Level 1 Gross Weight	2.05 kg

Certificates and Declarations

Certification Agency	EN IEC
Declaration of Conformity - CE	No declaration needed

Installation

Instructions and Manuals	No document needed
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Popular Downloads

Data Sheet, Technical Information	No document needed
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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 49 00
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers
Object Classification Code	Q

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → ABB VY → MCB Compact ABB VY → EPC60 ABB VY

