

PRODUCT-DETAILS

EPC62 C16

EPC62 C16 Miniature Circuit Breaker - 2P - C - 16 A



General Information

Extended Product Type	EPC62 C16
Product ID	4TQA694287R0000
EAN	5411815220906
Catalog Description	EPC62 C16 Miniature Circuit Breaker - 2P - C - 16 A
Long Description	Compact MCBs with supply from top or bottom

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 %
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
Sustainable Material Content in Packaging	FSC 100% Cardboard - 100 %

Improved Resource Efficiency for Customers	Product Efficiency - Product considered more energy-efficient compared to similar product on market or older products from the same line
Offered with Extended Lifetime	Product Durability
Offered with Takeback Services	Take Back for Recycling

Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A5793
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Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	C
Rated Operational Voltage	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})	4 kV
Input Voltage Type	AC
Rated Current (I _n)	16 A
Rated Short-Circuit Capacity	(230 V) 6 kA (400 V) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(230 V) 10 kA (400 V) 10 kA
Rated Conditional Short-Circuit Current (I _{nc})	(400 V) 10 kA
Rated Frequency (f)	50/60 Hz
Power Loss	4.2 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	2
Number of 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
Terminal Type	Screw Terminals

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	9AKK107991A6831
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	1
Product Net Width	17.8 mm
Product Net Height	86 mm
Product Net Depth / Length	70 mm
Product Net Weight	0.16 kg
Built-In Depth (t ₂)	70 mm

Ordering

Package Level 1 Units	box 12 piece
Package Level 1 Gross Weight	1.97 kg

Certificates and Declarations

Certification Agency	EN
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	85362010
UNSPSC	39121614
eClass	V7.0 : 27141901
Object Classification Code	F

Categories

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

