



 PRODUCT-DETAILS

EPC64B06

Miniature Circuit Breaker



General Information

Extended Product Type	EPC64B06
Product ID	2CDB112401R0065
EAN	5413656949275
Catalog Description	Miniature Circuit Breaker
Long Description	MCB EPC60 6kA 4P B 6A - Miniature Circuit Breaker

ABB EcoSolutions

ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 85.4 %
Circular Design Principles Resource Reduction	Design for Reduced Resource Consumption - 52 %
Improved Resource Efficiency for Customers	Product Efficiency - Product requires less energy to operate compared to similar product on market or older products from the same line
Offered with Extended Lifetime	Product Durability

End of Life Instructions	9AKK108468A3913
Environmental Product Declaration - EPD	9AKK108467A5789

Technical

Standards	IEC/EN 60898-1 IEC/EN 60947-2
Tripping Characteristic	B
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)	6 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})	(415 V AC) 6 kA (230 V) 6 kA (400 V) 6 kA
Rated Frequency (f)	50 / 60 Hz
Energy Limiting Class	3
Number of Protected Poles	4
Number of Poles	4
Overvoltage Category	III
Accessories Available	Yes
Number of Batteries	0
Connecting Capacity	Flexible 1 ... 10 mm ² Rigid 1 ... 16 mm ²

Material Compliance

RoHS Information	9AKK107991A0942
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20200908
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	2

Dimensions

Width in Number of Modular Spacings	4.0
Product Net Width	0.036 m
Product Net Height	0.086 m
Product Net Depth / Length	0.076 m
Product Net Weight	0.32 kg
Built-In Depth (t ₂)	70 mm

Ordering

Package Level 1 Units	pack 1 piece
Package Level 1 Gross Weight	0.45 kg

Certificates and Declarations

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

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 20 10
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

