

PRODUCT-DETAILS

EP62C63

EP62C63 Miniature Circuit Breaker



General Information

Global Commercial Alias	EP62C63
Extended Product Type	EP62C63
Product ID	2CDB102201R0634
EAN	5413656679424
Catalog Description	EP62C63 Miniature Circuit Breaker
Long Description	EP miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics , configurations, breaking capacities and rated currents . All MCBs of the product range EP comply with IEC/EN 60898-1, IEC/EN 60947-2,allowing the use in different applications.

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)	63 A
Rated Short-Circuit Capacity (I _{cn})	(400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(230 V AC) 20 kA (400 V AC) 10 kA
Rated Conditional Short-Circuit Current (I _{nc})	(230 V) 20 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 ... 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	2
Product Net Width	0.036 m
Product Net Height	0.086 m
Product Net Depth / Length	0.076 m
Product Net Weight	0.24 kg
Built-In Depth (t ₂)	70 mm

Container Information

Package Level 1 Units	pack 1 piece
Package Level 1 Width	0.039 m
Package Level 1 Height	0.078 m
Package Level 1 Depth / Length	0.094 m
Package Level 1 Gross Weight	0.256 kg
Package Level 1 EAN	5413656679424

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

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

