



PRODUCT-DETAILS

EX101C02

Miniature Circuit Breaker - EX100 - 1P - 2 A - C - 10 kA



General Information	
Extended Product Type	EX101C02
Product ID	2CDS271087R0024
EAN	4053546092080
Catalog Description	Miniature Circuit Breaker - EX100 - 1P - 2 A - C - 10 kA
Long Description	EX101C02 Miniature Circuit Breaker AEG Redline 10kA, C-Characteristic 2A, 1P

Circular Value	
Extended Product Lifetime	Product Durability
End Of Life Disassembling Instructions	9AKK108469A0853
Environmental Product Declaration - EPD	9AKK108469A0852

Technical

Dielectric Test Voltage	50 / 60 Hz - 1 min 2 kV
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	15 kA
Contact Position Indication	ON / OFF
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	1P
Number of Modular Spacings per DIN Rail	1
Actuator Type	Toggle
Screw Terminal Type	Failsafe Biconnect Fork Bottom
Actuator Marking	Red ON / Green OFF
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Connecting Capacity	Busbar Fork 10 / 16mm ² mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 35 mm ² Rigid 0.75 ... 35 mm ²
Wire Stripping Length	12.5 mm
Terminal Type	Screw Terminals

Electrical

Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 230/400 V AC
Rated Insulation Voltage (U _i)	Phase to Phase 440 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Input Voltage Type	AC
Rated Current (I _n)	2 A
Rated Short-Circuit Capacity	10 kA (230 / 400 V AC) 10 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 1.8 W
Overvoltage Category	III

Design

Housing Material	Insulation Group II, RAL 7035
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Material Compliance

REACH Information	False - does not contain substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

Dimensions

Product Net Width	18 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.125 kg
Pole Net Weight	0.125 kg
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	carton 10 piece
Package Level 1 Gross Weight	1.3 kg

Installation

Instructions and Manuals	9AKK108468A7757
Mounting Type	DIN-Rail
Mounting Position	any

External Classifications and Standards

ETIM 9	EC000042 - Miniature circuit breaker (MCB)
ETIM 10	EC000042 - Miniature circuit breaker (MCB)
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers
Standards	IEC/EN 60898-1

Categories

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

