

Miniature circuit breaker (MCB)

Part no. EMBH101
 Catalog No. EMBH101

Delivery program

Basic function			Miniature circuit-breakers
Number of poles			1 pole
Tripping characteristic			B
Application			Switchgear for residential and commercial applications
Rated current	I_n	A	1
Rated switching capacity acc. to IEC/EN 60947-2	I_{cu}	kA	15
Rated switching capacity according to IEC/EN 60898-1	I_{cn}	kA	10
Product range			EM

Technical data

Electrical

Rated switching capacity acc. to IEC/EN 60947-2	I_{cu}	kA	15
Rated switching capacity according to IEC/EN 60898-1	I_{cn}	kA	10

Technical data ETIM 7.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)			
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss10.0.1-27-14-19-01 [AAB905014])			
Release characteristic			B
Number of poles (total)			1
Number of protected poles			1
Rated current		A	1
Rated voltage		V	230
Rated insulation voltage U_i		V	440
Rated impulse withstand voltage U_{imp}		kV	4
Rated short-circuit breaking capacity I_{cn} EN 60898 at 230 V		kA	10
Rated short-circuit breaking capacity I_{cn} EN 60898 at 400 V		kA	10
Rated short-circuit breaking capacity I_{cu} IEC 60947-2 at 230 V		kA	15
Rated short-circuit breaking capacity I_{cu} IEC 60947-2 at 400 V		kA	15
Voltage type			AC
Frequency		Hz	50 - 60
Current limiting class			3
Suitable for flush-mounted installation			No
Concurrently switching N-neutral			No
Over voltage category			3
Pollution degree			2
Additional equipment possible			Yes
Width in number of modular spacings			1
Built-in depth		mm	70.5
Degree of protection (IP)			IP20
Ambient temperature during operating		°C	-25 - 75
Connectable conductor cross section multi-wired		mm ²	1 - 25
Connectable conductor cross section solid-core		mm ²	1 - 25