

## Miniature circuit breaker (MCB), 32 A, 1p, characteristic: C

**Part no.**                    **EMCH132**  
**EMCH132**

Product name			Eaton Moeller series xPole UK - EM.H MCB
Part no.			EMCH132
EAN			5019586121684
Product Length/Depth			85 millimetre
Product height			73 millimetre
Product width			17.5 millimetre
Product weight			0.117 kilogram
Compliances			RoHS conform
Product Tradename			xPole UK - EM.H
Product Type			MCB
Product Sub Type			None
Countries			United Kingdom of Great Britain and Northern Ireland
Ambient operating temperature - max			55 °C
Ambient operating temperature - min			-25 °C
Amperage Rating			32 A
Application			Switchgear for residential and commercial applications
Built-in depth			70.5 mm
Connectable conductor cross section (multi-wired) - max			25 mm <sup>2</sup>
Connectable conductor cross section (multi-wired) - min			1 mm <sup>2</sup>
Connectable conductor cross section (solid-core) - max			25 mm <sup>2</sup>
Connectable conductor cross section (solid-core) - min			1 mm <sup>2</sup>
Current limiting class			3
Degree of protection			IP20
Features			Additional equipment possible
Frequency rating - max			60 Hz
Frequency rating - min			50 Hz
Number of poles			Single-pole
Number of poles (protected)			1
Number of poles (total)			1
Overvoltage category			III
Pollution degree			2
Rated impulse withstand voltage (Uimp)			4 kV
Rated insulation voltage (Ui)			440 V
Rated operational voltage (Ue) - max			240 V
Rated short-circuit breaking capacity (EN 60898) at 230 V			10 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V			10 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V			0 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V			0 kA
Rated switching capacity (IEC/EN 60898-1)			10 kA
Rated switching capacity (IEC/EN 60947-2)			15 kA
Release characteristic			C
Suitable for			Flush-mounted installation
Tripping characteristic			C
Type			EM Miniature circuit breaker
Used with			EM Miniature circuit breaker
Voltage type			AC

Width in number of modular spacings		1
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## Technical data ETIM 8.0

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) (ecI@ss10.0.1-27-14-19-01 [AAB905014])		
Built-in depth	mm	70.5
Release characteristic		C
Number of poles (total)		1
Number of protected poles		1
Rated current	A	32
Rated voltage	V	240
Rated insulation voltage Ui	V	440
Rated impulse withstand voltage Uimp	kV	4
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA	10
Voltage type		AC
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA	10
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA	0
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	kA	0
Frequency	Hz	50 - 60
Current limiting class		3
Flush-mounted installation		Yes
Concurrently switching neutral conductor		No
Over voltage category		3
Pollution degree		2
Additional equipment possible		Yes
Width in number of modular spacings		1
Degree of protection (IP)		IP20
Ambient temperature during operating	°C	-25 - 55
Connectable conductor cross section multi-wired	mm <sup>2</sup>	1 - 25
Connectable conductor cross section solid-core	mm <sup>2</sup>	1 - 25
Explosion-proof		No