

RCD/MCB combination, 32 A, 30 mA, MCB trip characteristic: C, 3p, RCD trip characteristic: A



**Part no. mRBM4-32/3/C/003-A-UK-PT
169646**

Similar to illustration

Product name	Eaton Moeller series xPole - mRB64/M4 RCBO - residual-current circuit breaker with overcurrent protection
Part no.	mRBM4-32/3/C/003-A-UK-PT
EAN	4015081662708
Product Length/Depth	86 millimetre
Product height	75 millimetre
Product width	73 millimetre
Product weight	0.496 kilogram
Compliances	RoHS conform
Certifications	CE
Product Tradename	xPole - mRB64/M4
Product Type	RCBO - Residual-current circuit breaker with overcurrent protection
Product Sub Type	None
Application	Switchgear for residential and commercial applications
Product range	mRBM4-UK-PT
Basic function	Combined RCD/MCB devices
Number of poles	Three-pole
Number of poles (protected)	3
Number of poles (total)	3
Tripping characteristic	C
Release characteristic	C
Amperage Rating	32 A
Rated current	32 A
Fault current rating	0.03 A
Sensitivity type	Type A, pulse-current sensitive
Type	RCBO
Voltage type	AC
Voltage rating	230 V
Rated operational voltage (Ue) - max	415 V
Rated insulation voltage (Ui)	440 V
Rated impulse withstand voltage (Uimp)	4 kV
Impulse withstand current	Partly surge-proof, 250 A
Frequency rating	50 Hz
Leakage current type	A
Rated switching capacity	10 kA
Rated switching capacity (IEC/EN 61009)	10 kA
Rated short-circuit breaking capacity (EN 60947-2)	0 kA
Rated short-circuit breaking capacity (EN 61009)	10 kA
Rated short-circuit breaking capacity (EN 61009-1)	10 kA
Rated short-circuit breaking capacity (IEC 60947-2)	0 kA
Surge current capacity	250 kA
Disconnection characteristic	Undelayed
Tripping	Non-delayed

Pollution degree			2
Width in number of modular spacings			4
Built-in depth			69.5 mm
Degree of protection			IP20
Connectable conductor cross section (solid-core) - min			1 mm ²
Connectable conductor cross section (solid-core) - max			25 mm ²
Connectable conductor cross section (multi-wired) - min			1 mm ²
Connectable conductor cross section (multi-wired) - max			25 mm ²
Rated operational current for specified heat dissipation (I _n)			32 A
Heat dissipation per pole, current-dependent			0 W
Equipment heat dissipation, current-dependent			12.8 W
Static heat dissipation, non-current-dependent			0 W
Heat dissipation capacity			0 W
Ambient operating temperature - max			40 °C
Ambient operating temperature - min			-25 °C
Current limiting class			3

Technical data ETIM 8.0

Circuit breakers and fuses (EG000020) / Earth leakage circuit breaker (EC000905)

Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / MCB/RCCB combination (ecl@ss10.0.1-27-14-22-07 [AFZ810015])

Number of poles (total)			3
Number of protected poles			3
Rated voltage		V	415
Rated insulation voltage U _i		V	440
Rated impulse withstand voltage U _{imp}		kV	4
Rated current		A	32
Rated fault current		A	0.03
Leakage current type			A
Current limiting class			3
Rated short-circuit breaking capacity according to EN 61009		kA	10
Rated short-circuit breaking capacity according to IEC 60947-2		kA	0
Rated short-circuit breaking capacity I _{cn} according to EN 61009-1		kA	10
Disconnection characteristic			Undelayed
Surge current capacity		kA	250
Voltage type			AC
Frequency			50 Hz
Release characteristic			C
Concurrently switching neutral conductor			No
With interlocking device			No
Over voltage category			3
Pollution degree			2
Ambient temperature during operating		°C	-25 - 40
Width in number of modular spacings			4
Built-in depth		mm	69.5
Flush-mounted installation			No
Anti- nuisance tripping version			No
Degree of protection (IP)			IP20
Connectable conductor cross section solid-core		mm ²	1 - 25
Connectable conductor cross section multi-wired		mm ²	1 - 25