RCD/MCB combination, 32 A, 300 mA, MCB trip characteristic: B, 1p+N, RCD trip characteristic: AC $\,$

Part no. FRBMM-B32/1N/03-G 170559

Similar to illustration

General specifications	
Product name	Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection
Part no.	FRBMM-B32/1N/03-G
EAN	4015081671540
Product Length/Depth	80 millimetre
Product height	75 millimetre
Product width	35 millimetre
Product weight	0.206 kilogram
Compliances	RoHS conform CE Marked
Certifications	IEC 61373 EN45545-2 CE
Product Tradename	xEffect - FRBm6/M
Product Type	RCBO - Residual-current circuit breaker with overcurrent protection
Product Sub Type	None
Delivery program	
Application	Switchgear for industrial and advanced commercial applications
Product range	FRBmM
Basic function	Combined RCD/MCB devices
Number of poles	Single-pole + N
Number of poles (protected)	1
Number of poles (total)	2
Tripping characteristic	В
Release characteristic	В
Amperage Rating	32 A
Rated current	32 A
Fault current rating	0.3 A
Sensitivity type	AC current sensitive
Туре	RCBO
Technical Data - Electrical	
Voltage type	AC
Voltage rating	240 V - 240 V
Rated operational voltage (Ue) - max	240 V
Rated insulation voltage (Ui)	500 V
Rated impulse withstand voltage (Uimp)	4 kV
Rated fault currents of product range	10, 30, 100, 300 MilliAmpere
Impulse withstand current	Surge-proof, 3 kA
Frequency rating	50 Hz
Leakage current type	AC
Rated switching capacity	10 kA
Rated switching capacity (IEC/EN 61009)	10 kA
Rated short-circuit breaking capacity (EN 60947-2)	10 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)	10 kA

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Additional information	
Current limiting class 3	
Features Anti-nuisance tripping version Concurrently switching N-neutral	

Technical data ETIM 9.0

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

Flectric engineering automation process control engineering / Flectrical installation, device / Residual current protection system / MC

Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / MCB/RCCB combination (ecl@ss13-2/-14-22-07 [AFZ810020]					
Number of poles (total)		2			
Number of protected poles		1			
Rated voltage	V	240			
Rated insulation voltage Ui	V	500			
Rated impulse withstand voltage Uimp	kV	4			

Rated current	Α	32
Rated fault current	Α	0.3
Leakage current type		AC
Current limiting class		3
Power loss	W	
Rated short-circuit breaking capacity according to EN 61009	kA	10
Rated short-circuit breaking capacity according to IEC 60947-2	kA	10
Rated short-circuit breaking capacity Icn according to EN 61009-1	kA	10
Disconnection characteristic		Short-time delayed
Surge current capacity	kA	10
Voltage type		AC
Frequency		50 Hz
Release characteristic		В
Concurrently switching neutral conductor		Yes
With interlocking device		No
Over voltage category		3
Pollution degree		2
Ambient temperature during operating	°C	-25 - 40
Width in number of modular spacings		2
Built-in depth	mm	75.5
Flush-mounted installation		No
Anti-nuisance tripping version		Yes
Degree of protection (IP)		IP20
Connectable conductor cross section solid-core	mm²	1 - 25
Connectable conductor cross section multi-wired	mm²	1 - 25