



Eaton 169638

Eaton Moeller series xPole - mRB64/M4 RCBO - residual-current circuit breaker with overcurrent protection. MCB/RCD, 16 A_x, 30mA, MCB trip type B, 3p, RCCB trip type: A



PRODUCT NAME	Eaton Moeller series xPole - mRB64/M4 RCBO - residual-current circuit breaker with overcurrent protection
CATALOG NUMBER	169638
PRODUCT LENGTH/DEPTH	86 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	73 mm
PRODUCT WEIGHT	0.43 kg
COMPLIANCES	CE Marked RoHS conform
CERTIFICATIONS	CE



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AMPERAGE RATING	16 A
VOLTAGE RATING	230 V
SURGE CURRENT CAPACITY	250 kA
VOLTAGE TYPE	AC
WIDTH IN NUMBER OF MODULAR SPACINGS	4
OPERATING AMBIENT TEMPERATURE - MAX	40 °C
OPERATING AMBIENT TEMPERATURE - MIN	-25 °C
PRODUCT RANGE	mRBM4-UK-PT
RATED CURRENT	16 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	16 A
RATED SWITCHING CAPACITY (IEC/EN 61009)	10 kA
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
TRIPPING CHARACTERISTIC	B
BUILT-IN DEPTH	69.5 mm
CURRENT LIMITING CLASS	3
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60947-2)	0 kA
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
FAULT CURRENT RATING	0.03 A
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
NUMBER OF POLES (PROTECTED)	3
NUMBER OF POLES (TOTAL)	3
RATED OPERATIONAL VOLTAGE (UE) - MAX	415 V
RATED SWITCHING CAPACITY	10 kA

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BASIC FUNCTION	Combined RCD/MCB devices
MOUNTING METHOD	DIN rail
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	11.6 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
DEGREE OF PROTECTION	IP20
TRIPPING	Non-delayed
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	2
IMPULSE WITHSTAND CURRENT	Partly surge-proof, 250 A
LEAKAGE CURRENT TYPE	A
RELEASE CHARACTERISTIC	B
SENSITIVITY TYPE	Type A, pulse-current sensitive
FREQUENCY RATING	50 Hz
RATED INSULATION VOLTAGE (UI)	440 V
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 SHORT-CIRCUIT BREAKING CAPACITY (EN 61009)	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009-1)	10 kA
NUMBER OF POLES	Three-pole
DISCONNECTION CHARACTERISTIC	Undelayed
TYPE	RCBO

