



## Eaton 169597

Eaton Moeller series xPole - mRB64/M4 RCBO - residual-current circuit breaker with overcurrent protection. MCB/RCD, 25 A\_x, 100mA, MCB trip type D, 3p, RCCB trip type: AC



<b>PRODUCT NAME</b>	Eaton Moeller series xPole - mRB64/M4 RCBO - residual-current circuit breaker with overcurrent protection
<b>CATALOG NUMBER</b>	169597
<b>PRODUCT LENGTH/DEPTH</b>	86 mm
<b>PRODUCT HEIGHT</b>	75 mm
<b>PRODUCT WIDTH</b>	73 mm
<b>PRODUCT WEIGHT</b>	0.43 kg
<b>COMPLIANCES</b>	CE Marked RoHS conform
<b>CERTIFICATIONS</b>	CE



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<b>AMPERAGE RATING</b>	25 A
<b>VOLTAGE RATING</b>	230 V
<b>SURGE CURRENT CAPACITY</b>	250 kA
<b>VOLTAGE TYPE</b>	AC
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	4
<b>OPERATING AMBIENT TEMPERATURE - MAX</b>	40 °C
<b>OPERATING AMBIENT TEMPERATURE - MIN</b>	-25 °C
<b>PRODUCT RANGE</b>	mRBM4-UK-PT
<b>RATED CURRENT</b>	25 A
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	25 A
<b>RATED SWITCHING CAPACITY (IEC/EN 61009)</b>	10 kA
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT</b>	0 W
<b>TRIPPING CHARACTERISTIC</b>	D
<b>BUILT-IN DEPTH</b>	69.5 mm
<b>CURRENT LIMITING CLASS</b>	3
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60947-2)</b>	0 kA
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	40 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>FAULT CURRENT RATING</b>	0.1 A
<b>HEAT DISSIPATION CAPACITY</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	0 W
<b>NUMBER OF POLES (PROTECTED)</b>	3
<b>NUMBER OF POLES (TOTAL)</b>	3
<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	415 V
<b>RATED SWITCHING CAPACITY</b>	10 kA

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□□□□	<a href="http://eaton-xpole-mrbm4-pt-rcho-catalog-ca019059en-en-us.pdf">eaton-xpole-mrbm4-pt-rcho-catalog-ca019059en-en-us.pdf</a>
□□	<a href="http://eaton-xpole-mrb64-pt-rcho-catalog-ca019061en-en-us.pdf">eaton-xpole-mrb64-pt-rcho-catalog-ca019061en-en-us.pdf</a>
□□	<a href="http://eaton-xpole-mrb64-m4-dimensions.jpg">eaton-xpole-mrb64-m4-dimensions.jpg</a>

<b>BASIC FUNCTION</b>	Combined RCD/MCB devices
<b>MOUNTING METHOD</b>	DIN rail
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	9.2 W
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>DEGREE OF PROTECTION</b>	IP20
<b>TRIPPING</b>	Non-delayed
<b>OVERVOLTAGE CATEGORY</b>	III
<b>POLLUTION DEGREE</b>	2
<b>IMPULSE WITHSTAND CURRENT</b>	Partly surge-proof, 250 A
<b>LEAKAGE CURRENT TYPE</b>	AC
<b>RELEASE CHARACTERISTIC</b>	D
<b>SENSITIVITY TYPE</b>	Type AC, AC current sensitive.
<b>FREQUENCY RATING</b>	50 Hz
<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN</b>	1 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX</b>	25 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN</b>	1 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	25 mm <sup>2</sup>
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009)</b>	10 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009-1)</b>	10 kA
<b>NUMBER OF POLES</b>	Three-pole
<b>DISCONNECTION CHARACTERISTIC</b>	Undelayed
<b>TYPE</b>	RCBO

