



## Eaton 152747

Eaton Moeller series xPole (Style 5) - mMCT MCB. Circuit-breaker, 50 A, 3pole+N, Type C characteristic

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<b>PRODUCT NAME</b>	Eaton Moeller series xPole (Style 5) - mMCT MCB
<b>CATALOG NUMBER</b>	152747
<b>PRODUCT LENGTH/DEPTH</b>	90 mm
<b>PRODUCT HEIGHT</b>	75 mm
<b>PRODUCT WIDTH</b>	108 mm
<b>PRODUCT WEIGHT</b>	0.941 kg
<b>COMPLIANCES</b>	RoHS conform



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<b>USED WITH</b>	mMCT Miniature circuit breaker
<b>AMPERAGE RATING</b>	50 A
<b>FEATURES</b>	Additional equipment possible Concurrently switching N-neutral
<b>ACCESSORIES REQUIRED</b>	ZP-IHK 286052
<b>FITTED WITH:</b>	Z-IS/SPE-1TE 274418
<b>FRAME</b>	45 mm
<b>POLLUTION DEGREE</b>	2
<b>LIFESPAN, MECHANICAL</b>	20000 operations
<b>MOUNTING METHOD</b>	Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715
<b>DEGREE OF PROTECTION</b>	IP20
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	15.93 W 15.3 W
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>BUSBAR MATERIAL THICKNESS</b>	0.8 mm - 2 mm
<b>TRIPPING CHARACTERISTIC</b>	C
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>BUILT-IN DEPTH</b>	75 mm
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	50 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN</b>	2.5 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX</b>	50 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN</b>	2.5 mm <sup>2</sup>
<b>CURRENT LIMITING CLASS</b>	3

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<b>CHARACTERISTIC CURVE</b>	<a href="#">eaton-xpole-mmct-mcb-characteristic-curve.jpg</a>
□□□	<a href="#">eaton-xpole-mmct-mcb-wiring-diagram-004.jpg</a>
	<a href="#">eaton-xpole-mmct-mcb-dimensions.jpg</a>
□□	<a href="#">eaton-xpole-mmct-mcb-3d-drawing-002.jpg</a>
	<a href="#">eaton-xpole-mmct-mcb-3d-drawing.jpg</a>

<b>FREQUENCY RATING - MAX</b>	60 Hz
<b>FREQUENCY RATING - MIN</b>	50 Hz
<b>HEAT DISSIPATION CAPACITY</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	5.1 W
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	6
<b>VOLTAGE TYPE</b>	AC
<b>OVERVOLTAGE CATEGORY</b>	III
<b>NUMBER OF POLES</b>	Three-pole + N
<b>LIFESPAN, ELECTRICAL</b>	10000 operations
<b>RELEASE CHARACTERISTIC</b>	C

<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Miniature circuit breaker</li> <li>• mMCT</li> </ul>
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<b>SPECIAL FEATURES</b>	<ul style="list-style-type: none"> <li>• Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity</li> <li>• Tripping signal contact for subsequent installation ZP-NHK 248437</li> </ul>
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<b>APPLICATION</b>	Switchgear for industrial and advanced commercial applications
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<b>NUMBER OF POLES (PROTECTED)</b>	3
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<b>NUMBER OF POLES (TOTAL)</b>	4
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<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
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<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	50 A
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<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	400 V
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<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC)</b>	25 kA
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