

# Eaton 139140

Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB. mMC4, 4 pole, trip type: B, rated operational current In: 3 A, rated switching capacity IEC/EN 60898-1: 4.5 kA

<b>PRODUCT NAME</b>	Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB
<b>CATALOG NUMBER</b>	139140
<b>PRODUCT LENGTH/DEPTH</b>	85 mm
<b>PRODUCT HEIGHT</b>	73 mm
<b>PRODUCT WIDTH</b>	70 mm
<b>PRODUCT WEIGHT</b>	0.48 kg
<b>COMPLIANCES</b>	RoHS conform

<b>USED WITH</b>	Z-FW/LP 248296 (Remote control and automatic switching device) mMC4 Miniature circuit breaker
<b>AMPERAGE RATING</b>	3 A
<b>FEATURES</b>	Additional equipment possible
<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>	10 W
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>BUSBAR MATERIAL THICKNESS</b>	0.8 mm - 2 mm
<b>TERMINAL PROTECTION</b>	Finger and hand touch safe, DGVV VS3, EN 50274
<b>TERMINALS (TOP AND BOTTOM)</b>	Open mouthed/lift terminals
<b>TRIPPING CHARACTERISTIC</b>	B
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	40 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>BUILT-IN DEPTH</b>	70.5 mm
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	16 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN</b>	2 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX</b>	35 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN</b>	1.5 mm <sup>2</sup>
<b>CURRENT LIMITING CLASS</b>	3
<b>FREQUENCY RATING - MAX</b>	60 Hz

<b>CHARACTERISTIC CURVE</b>	<a href="#">eaton-xpole-mmc4-6-m-mcb-characteristic-curve.jpg</a> <a href="#">eaton-xpole-mmc4-6-m-mcb-characteristic-curve-004.jpg</a>
	<a href="#">IL019071ZU</a>
	<a href="#">eaton-xpole-mmc4-6-m-mcb-wiring-diagram-006.jpg</a>
	<a href="#">eaton-xpole-mmc4-6-m-mcb-dimensions.jpg</a>
	<a href="#">eaton-xpole-mmc4-6-m-mcb-3d-drawing.jpg</a>

<b>FREQUENCY RATING - MIN</b>	50 Hz
<b>HEAT DISSIPATION CAPACITY</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	0 W
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	4
<b>VOLTAGE TYPE</b>	AC
<b>OVERVOLTAGE CATEGORY</b>	III
<b>NUMBER OF POLES</b>	Four-pole
<b>LIFESPAN, ELECTRICAL</b>	10000 operations
<b>RELEASE CHARACTERISTIC</b>	B

**TYPE**

- Miniature circuit breaker
- mMC4

**SPECIAL FEATURES**

- Maximum operating temperature is 75 °C : Starting at 40 °C a 1°C increase results in a 0.5% linear reduction of current carrying capacity
- Tripping signal contact for subsequent installation ZP-NHK 248437

**APPLICATION**

- Switchgear for residential and commercial applications
- xPole - Switchgear for residential and commercial applications

<b>NUMBER OF POLES (PROTECTED)</b>	4
<b>NUMBER OF POLES (TOTAL)</b>	4
<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	3 A
<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	230 V
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V</b>	4.5 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT</b>	4.5 kA

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**400 V**

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**RATED SWITCHING**

**CAPACITY (IEC/EN 60898-1)**      4.5 kA

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**STATIC HEAT**

**DISSIPATION, NON-CURRENT-DEPENDENT**      0 W

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**SUITABLE FOR**      Flush-mounted installation

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