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## Eaton 138906

Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB. mMC4, 2-pole, trip type: B, rated operational current In: 20 A, rated switching capacity IEC/EN 60898-1: 4.5 kA

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<b>PRODUCT NAME</b>	Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB
<b>CATALOG NUMBER</b>	138906
<b>PRODUCT LENGTH/DEPTH</b>	85 mm
<b>PRODUCT HEIGHT</b>	73 mm
<b>PRODUCT WIDTH</b>	35 mm
<b>PRODUCT WEIGHT</b>	0.24 kg
<b>COMPLIANCES</b>	RoHS conform



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<b>USED WITH</b>	Z-FW/LP 248296 (Remote control and automatic switching device) Miniature circuit breaker mMC4
<b>AMPERAGE RATING</b>	20 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>	6.6 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, DGUV 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</b>	1.5 mm <sup>2</sup>

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<b>CHARACTERISTIC CURVE</b>	<a href="#">eaton-xpole-mmc4-6-mcb-characteristic-curve-004.jpg</a> <a href="#">eaton-xpole-mmc4-6-mcb-characteristic-curve.jpg</a>
□□□□□	<a href="#">IL019071ZU</a>
□□□	<a href="#">eaton-xpole-mmc4-6-mcb-wiring-diagram-003.jpg</a>
□□	<a href="#">eaton-xpole-mmc4-6-mcb-dimensions.jpg</a> <a href="#">eaton-xpole-mmc4-6-mcb-3d-drawing.jpg</a>

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**CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN**

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**CURRENT LIMITING CLASS** 3**FREQUENCY RATING - MAX** 60 Hz**FREQUENCY RATING - MIN** 50 Hz**HEAT DISSIPATION CAPACITY** 0 W**HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT** 0 W**WIDTH IN NUMBER OF MODULAR SPACINGS** 2**VOLTAGE TYPE** AC**OVERVOLTAGE CATEGORY** III**NUMBER OF POLES** Two-pole**LIFESPAN, ELECTRICAL** 10000 operations**RELEASE CHARACTERISTIC** B

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**TYPE**

- Miniature circuit breaker
- mMC4

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**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

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**APPLICATION**

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

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**NUMBER OF POLES** 2

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