



Eaton 139146

Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB. mMC4, 4 pole, trip type: B, rated operational current In: 20 A, rated switching capacity IEC/EN 60898-1: 4.5 kA

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PRODUCT NAME	Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB
CATALOG NUMBER	139146
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	70 mm
PRODUCT WEIGHT	0.48 kg
COMPLIANCES	RoHS conform



Powering Business Worldwide

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USED WITH	Z-FW/LP 248296 (Remote control and automatic switching device) mMC4 Miniature circuit breaker
AMPERAGE RATING	20 A
FEATURES	Additional equipment possible
ACCESSORIES REQUIRED	ZP-IHK 286052
FITTED WITH:	Z-IS/SPE-1TE 274418
FRAME	45 mm
POLLUTION DEGREE	2
LIFESPAN, MECHANICAL	20000 operations
MOUNTING METHOD	Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715
DEGREE OF PROTECTION	IP20
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	12.8 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
BUSBAR MATERIAL THICKNESS	0.8 mm - 2 mm
TERMINAL PROTECTION	Finger and hand touch safe, DGUV VS3, EN 50274
TERMINALS (TOP AND BOTTOM)	Open mouthed/lift terminals
TRIPPING CHARACTERISTIC	B
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
BUILT-IN DEPTH	70.5 mm
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	16 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	2 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	35 mm ²
CONNECTABLE	1.5 mm ²

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CHARACTERISTIC CURVE	eaton-xpole-mmc4-6-mcb-characteristic-curve.jpg eaton-xpole-mmc4-6-mcb-characteristic-curve-004.jpg
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□□□	eaton-xpole-mmc4-6-mcb-wiring-diagram-006.jpg
□□	eaton-xpole-mmc4-6-mcb-dimensions.jpg eaton-xpole-mmc4-6-mcb-3d-drawing.jpg

CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN

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** 4**VOLTAGE TYPE** AC**OVERVOLTAGE CATEGORY** III**NUMBER OF POLES** Four-pole**LIFESPAN, ELECTRICAL** 10000 operations**RELEASE CHARACTERISTIC** 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

NUMBER OF POLES 4
