



Eaton 129629

Eaton Moeller series xPole (Style 5) - mMCMDC MCB. Miniature circuit breaker (MCB), 16 A, 1p, characteristic: C, DC

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PRODUCT NAME	Eaton Moeller series xPole (Style 5) - mMCMDC MCB
CATALOG NUMBER	129629
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	17.5 mm
PRODUCT WEIGHT	0.12 kg
COMPLIANCES	RoHS conform



Powering Business Worldwide

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USED WITH	Z-FW/LP 248296 (Remote control and automatic switching device) Miniature circuit breaker mMCM
AMPERAGE RATING	16 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
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	C
AMBIENT OPERATING TEMPERATURE - MAX	75 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
BUILT-IN DEPTH	70.5 mm
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²

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CHARACTERISTIC CURVE	eaton-xeffect-faz-dc-mcb-characteristic-curve-002.jpg eaton-xeffect-faz-dc-mcb-characteristic-curve.jpg
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□□□	eaton-xeffect-faz-dc-mcb-wiring-diagram.jpg
□□	eaton-xpole-mm4-6-mcb-dimensions.jpg

CURRENT LIMITING CLASS	3
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
WIDTH IN NUMBER OF MODULAR SPACINGS	1
VOLTAGE TYPE	DC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Single-pole
LIFESPAN, ELECTRICAL	10000 operations
RELEASE CHARACTERISTIC	C
TYPE	<ul style="list-style-type: none"> • Miniature circuit breaker • mMCM
SPECIAL FEATURES	<ul style="list-style-type: none"> • Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity • Tripping signal contact for subsequent installation Z-NHK 248434
APPLICATION	<ul style="list-style-type: none"> • Switchgear for residential and commercial applications • xPole - Switchgear for residential and commercial applications
NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	1
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	16 A
RATED OPERATIONAL	250 V

