



Eaton 101283

Eaton Moeller series xPole - PLI MCB.
Miniature circuit breaker (MCB) with plug-in
terminal, 8 A, 1p+N, characteristic: D

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PRODUCT NAME	Eaton Moeller series xPole - PLI MCB
CATALOG NUMBER	101283
PRODUCT LENGTH/DEPTH	84 mm
PRODUCT HEIGHT	75.5 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.197 kg
COMPLIANCES	RoHS conform

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USED WITH	PLI Miniature circuit breaker
AMPERAGE RATING	8 A
FEATURES	Additional equipment possible Concurrently switching N-neutral
POLLUTION DEGREE	2
DEGREE OF PROTECTION	IP20
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	1.5 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
TRIPPING CHARACTERISTIC	D
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
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

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PEP ECO-PASSPORT	eaton-non-selective-universal-mcb-pep-eato-00048-v0101-en.pdf
□□□	eaton-xpole-mmc4-6-m-mcb-wiring-diagram.jpg
□□	eaton-xpole-pli-mcb-dimensions.jpg

WIDTH IN NUMBER OF MODULAR SPACINGS	2
VOLTAGE TYPE	AC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Single-pole + N
RELEASE CHARACTERISTIC	D
TYPE	• Miniature circuit breaker • PLI
SPECIAL FEATURES	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
APPLICATION	• Switchgear for residential and commercial applications • xPole - Switchgear for residential and commercial applications
NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	2
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	8 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V	10 kA
RATED SWITCHING CAPACITY (IEC/EN 60898-1)	10 kA
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
POWER LOSS	1.4 W

