



Eaton EP-501054

HLN-B32/1N . Miniature circuit breaker (MCB), 32 A, 1p+N, characteristic: B

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PRODUCT NAME	Eaton Moeller series xPole - HL/HL-HX MCB
CATALOG NUMBER	EP-501054
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	17.5 mm
PRODUCT WEIGHT	0.115 kg
COMPLIANCES	RoHS conform CE Marked

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AMPERAGE RATING	32 A
VOLTAGE RATING	230 V AC
FEATURES	Additional equipment possible Concurrently switching neutral conductor
FREQUENCY RATING	50/60 Hz
POLLUTION DEGREE	2
DEGREE OF PROTECTION	IP20
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	6.5 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
AMBIENT OPERATING TEMPERATURE - MAX	75 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
BUILT-IN DEPTH	65.5 mm
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	16 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	16 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
WIDTH IN NUMBER OF MODULAR SPACINGS	1

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CHARACTERISTIC CURVE	eaton-xeffect-faz-dc-mcb-characteristic-curve-004.jpg eaton-xeffect-faz-dc-mcb-characteristic-curve-003.jpg
PEP ECO-PASSPORT	eaton-non-selective-universal-mcb-pep-eato-00058-v0101-en.pdf
□□□□□	eaton-mcb-rccb-rcbo-g9-il019140zu.pdf
□□□	eaton-xeffect-faz-dc-mcb-wiring-diagram-003.jpg
□□□□	eaton-xPole-home-leaflet-br003019en-en-gb.pdf
□□□□	eaton-xpole%20home-hl-hx-mcb-catalog-ca019019en-en-us.pdf
□□	eaton-xeffect-faz-dc-mcb-dimensions-005.jpg eaton-xeffect-faz-dc-mcb-3d-drawing-003.jpg

VOLTAGE TYPE	AC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Single-pole + N
RELEASE CHARACTERISTIC	B
TYPE	Miniature circuit breaker
SPECIAL FEATURES	linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	2
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	32 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V	4.5 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V	4.5 kA
RATED SWITCHING CAPACITY (IEC/EN 60898-1)	4.5 kA
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
SUITABLE FOR	Flush-mounted installation
POWER LOSS	5.7 W

