

194831

General specifications

PRODUCT NAME	Eaton Moeller series xPole Home - HN/HN-HX MCB
CATALOG NUMBER	194831
EAN	9010238063150
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	17.7 mm
PRODUCT WEIGHT	0.12 kg
COMPLIANCES	RoHS conform
MODEL CODE	HN-C16/1



Delivery program

APPLICATION	<ul style="list-style-type: none">• Switchgear for residential and commercial applications• xPole Home - Switchgear for residential applications
NUMBER OF POLES	Single-pole
NUMBER OF POLES (TOTAL)	1
NUMBER OF POLES (PROTECTED)	1
TRIPPING CHARACTERISTIC	C
RELEASE CHARACTERISTIC	C
AMPERAGE RATING	16 A
TYPE	<ul style="list-style-type: none">•HN• Miniature circuit breaker

Technical data - electrical

Voltage type	AC
Rated operational voltage (Ue) - max	230 V
Rated insulation voltage (Ui)	440 V
Rated impulse withstand voltage (Uimp)	4 kV
FREQUENCY RATING - MIN	50 Hz
FREQUENCY RATING - MAX	60 Hz
RATED SWITCHING CAPACITY (IEC/EN 60898-1)	6 ka
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V	6 KA
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 400 V	6 KA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 230 V	0 KA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 400 V	0 KA
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3

Technical data - mechanical

WIDTH IN NUMBER OF MODULAR SPACINGS	1
BUILT-IN DEPTH	44 mm
DEGREE OF PROTECTION	IP20
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm ²

Design verification as per IEC/EN 61439 - technical data

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	16 A
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	2.2 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
HEAT DISSIPATION CAPACITY	0 W
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	75 °C

Additional information

CURRENT LIMITING CLASS	3
FEATURES	Additional equipment possible
SPECIAL FEATURES	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
SUITABLE FOR	Flush-mounted installation
Used with	Miniature circuit breaker HN