

Specificații



Eaton 194812

Eaton Moeller series xPole - HL/HL-HX MCB.
HL, xPole Home, 3-pole+N, tripping
characteristic: C, rated current In: 20 A, rated
switching capacity IEC/EN 60898-1: 4,5 kA

Specificații generale

PRODUCT NAME	Eaton Moeller series xPole - HL/HL-HX MCB
CATALOG NUMBER	194812
EAN	9010238062962
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	70 mm
PRODUCT WEIGHT	0.456 kg
COMPLIANCES	RoHS conform
MODEL CODE	HL-C20/3N



Powering Business Worldwide

Informații suplimentare

CURRENT LIMITING CLASS

3

FEATURES

Concurrently switching N-neutral
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
HL

Programul de livrare

AMPERAGE RATING

20 A

APPLICATION

- Switchgear for residential and commercial applications
- xPole Home - Switchgear for residential applications

NUMBER OF POLES

Three-pole + N

NUMBER OF POLES (PROTECTED)

3

NUMBER OF POLES (TOTAL)

4

RELEASE CHARACTERISTIC

C

TRIPPING CHARACTERISTIC

C

TYPE

- HL
- Miniature circuit breaker

Verificarea proiectării conform IEC/EN 61439

10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.

Verificarea designului conform cu IEC/EN 61439 - date tehnice

AMBIENT OPERATING TEMPERATURE - MAX	75 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	10.1 W
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	20 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W

10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.

Technical data - electrical

FREQUENCY RATING - MAX	60 Hz
FREQUENCY RATING - MIN	50 Hz
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
RATED INSULATION VOLTAGE (UI)	440 V
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
VOLTAGE TYPE	AC

Technical data - mechanical

BUILT-IN DEPTH	44 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
DEGREE OF PROTECTION	IP20
WIDTH IN NUMBER OF MODULAR SPACINGS	4

Resurse

BROȘURI	eaton-xPole-home-leaflet-br003019en-en-gb.pdf
CATALOAGE	eaton-xpole%20home-hl-hx-mcb-catalog-ca019019en-en-us.pdf
CHARACTERISTIC CURVE	eaton-xpole-mmc4-6-m-mcb-characteristic-curve-004.jpg eaton-xpole-mmc4-6-m-mcb-characteristic-curve-002.jpg
DESENE	eaton-xpole-hlhl-hx-mcb-3d-drawing-002.jpg eaton-xpole-pl6-mcb-dimensions.jpg
INSTRUCȚIUNI DE INSTALARE	eaton-mcb-rccb-rcbo-g9-il019140zu.pdf
MCAD MODEL	eaton-non-selective-universal-mcb-mcad-3d-models-faz-xxx-4p.stp
SCHEME ELECTRICE	eaton-xpole-mmc4-6-m-mcb-wiring-diagram-004.jpg

DENUMIREA PROIECTULUI:

NUMĂRUL PROIECTULUI:

PREGĂTIT DE:

DATA:



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