

Specifications

Eaton 195121

Eaton Moeller series xPole - HNB RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB B, 16A, 1p+N, , 30mA,

General specifications

PRODUCT NAME	Eaton Moeller series xPole - HNB RCBO - residual-current circuit breaker with overcurrent protection
CATALOG NUMBER	195121
MODEL CODE	HNB-B16/1N/003
EAN	9010238060746
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.203 kg
COMPLIANCES	CE Marked RoHS conform
CERTIFICATIONS	CE
GLOBAL CATALOG	195121
PRODUCT TYPE	RCBO - Residual-current circuit breaker with overcurrent protection



Powering Business Worldwide

Product specifications

AMPERAGE RATING	16 A
VOLTAGE RATING	230 V
SURGE CURRENT CAPACITY	0.25 kA
VOLTAGE TYPE	AC
WIDTH IN NUMBER OF MODULAR SPACINGS	2
FEATURES	Concurrently switching N-neutral
OPERATING AMBIENT TEMPERATURE - MAX	40 °C
OPERATING AMBIENT TEMPERATURE - MIN	-25 °C
RATED CURRENT	16 A
BUILT-IN DEPTH	69.5 mm
CURRENT LIMITING CLASS	3
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60947-2)	0 kA
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
FAULT CURRENT RATING	0.03 A
NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	2
RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
MOUNTING METHOD	DIN rail
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
DEGREE OF PROTECTION	IP20
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	2
LEAKAGE CURRENT TYPE	AC
RELEASE CHARACTERISTIC	B
FREQUENCY RATING	50 Hz
RATED INSULATION VOLTAGE (UI)	500 V
CONNECTABLE	1 mm ²

Resources

BROCHURES	eaton-xPole-home-leaflet-br003019en-en-gb.pdf
CATALOGS	eaton-xpole%20home-hnb-hx-rcbo-catalog-ca019023en-en-us.pdf
CHARACTERISTIC CURVE	eaton-xpole-hnb-characteristic-curve-003.jpg
DECLARATIONS OF CONFORMITY	eaton-rcbo-residual-current-circuit-breaker-with-overcurrent-protection-declaration-of-conformity-eu250111en.pdf
DRAWINGS	eaton-xeffect-frbm6m-wiring-diagram.jpg eaton-xpole-pkn6-m-dimensions.jpg eaton-xpole-pkn6-m-3d-drawing.jpg
MCAD MODEL	eaton-rcd-with-overcurrent-protection-3d-models-fk9051.stp eaton-rcbo-mcad-drawings-fk9051.dwg
PEP ECO-PASSPORT	eaton-rcd-with-overcurrent-protection-pep-eato-00114-v0101-en.pdf

CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	
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
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009)	6 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009-1)	6 kA
DISCONNECTION CHARACTERISTIC	Undelayed
TYPE	RCBO

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

