

# Specifications



## Eaton 195129

Eaton Moeller series xPole - HNB RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB C, 25A, 1p+N, , 30mA,

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series xPole - HNB RCBO - residual-current circuit breaker with overcurrent protection
<b>CATALOG NUMBER</b>	195129
<b>MODEL CODE</b>	HNB-C25/1N/003
<b>EAN</b>	9010238060920
<b>PRODUCT LENGTH/DEPTH</b>	80 mm
<b>PRODUCT HEIGHT</b>	73 mm
<b>PRODUCT WIDTH</b>	35 mm
<b>PRODUCT WEIGHT</b>	0.203 kg
<b>COMPLIANCES</b>	CE Marked RoHS conform
<b>CERTIFICATIONS</b>	CE
<b>GLOBAL CATALOG</b>	195129



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## Product specifications

AMPERAGE RATING	25 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	25 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
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)	0 kA
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	C
FREQUENCY RATING	50 Hz

## Resources

BROCHURES	<a href="#">eaton-xPole-home-leaflet-br003019en-en-gb.pdf</a>
CATALOGS	<a href="#">eaton-xpole%20home-hnb-hx-rcbo-catalog-ca019023en-en-us.pdf</a>
CHARACTERISTIC CURVE	<a href="#">eaton-xpole-hnb-characteristic-curve-004.jpg</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-rcbo-residual-current-circuit-breaker-with-overcurrent-protection-declaration-of-conformity-eu250111en.pdf</a>
DRAWINGS	<a href="#">eaton-xeffect-frbm6m-wiring-diagram.jpg</a> <a href="#">eaton-xpole-pkn6-m-dimensions.jpg</a> <a href="#">eaton-xpole-pkn6-m-3d-drawing.jpg</a>
MCAD MODEL	<a href="#">eaton-rcd-with-overcurrent-protection-drawings-fk9051.dwg</a> <a href="#">eaton-rcd-with-overcurrent-protection-3d-models-fk9051.stp</a>
PEP ECO-PASSPORT	<a href="#">eaton-rcd-with-overcurrent-protection-pep-eato-00114-v0101-en.pdf</a>

<b>RATED INSULATION VOLTAGE (UI)</b>	500 V
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN</b>	1 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX</b>	25 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN</b>	1 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	25 mm <sup>2</sup>
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009)</b>	6 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009-1)</b>	6 kA
<b>DISCONNECTION CHARACTERISTIC</b>	Undelayed
<b>TYPE</b>	RCBO

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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