

INDUSTRIAL COMPONENT DATA

HN-C50/3N 194916 EATON ELECTRIC HN-C50/3N

Brand: EATON - MOELLER | Manufacturer Part Number: HN-C50/3N



Manufacturer	EATON - MOELLER
MPN / Reference	HN-C50/3N
Catalog number	194916
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-3524145D84
Generated	2026-08-06

Product Overview

HN-C50/3N

Miniature circuit breaker (MCB), 50 A, 3p+N, characteristic: C

Miniature circuit breaker (MCB), HN, xPole Home, 3-pole+N, tripping characteristic: C, rated current In: 50 A, rated switching capacity according to IEC/EN 60898-1: 6 kA, Switchgear for residential and commercial applications

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog pathEATON - MOELLER > Modular Switchgear - Big Home

Additional Product Information

Miniature circuit breaker (MCB), 50 A, 3p+N, characteristic: C
Miniature circuit breaker (MCB), HN, xPole Home, 3-pole+N, tripping characteristic: C, rated current In: 50 A, rated switching capacity according to IEC/EN 60898-1: 6 kA, Switchgear for residential and commercial applications

Delivery program
Basic function
Miniature circuit-breakers
Number of poles
3 pole+N
Tripping characteristic
C
Application
Switchgear for residential and commercial applications
Rated current [In]
50 A
Rated switching capacity according to IEC/EN 60898-1 [Icn]
6 kA
Product range
HN
Technical data

Electrical
Rated switching capacity according to IEC/EN 60898-1 [Icn]
6 kA
Design verification as per IEC/EN 61439
Technical data for design verification
Rated operational current for specified heat dissipation [In]
50 A
Heat dissipation per pole, current-dependent [Pvid]
0 W
Equipment heat dissipation, current-dependent [Pvid]
15.3 W
Static heat dissipation, non-current-dependent [Pvs]
0 W
Heat dissipation capacity [Pdiss]
0 W
Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+75 °C
linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
IEC/EN 61439 design verification
10.2 Strength of materials and parts
10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts
10.2.3.1 Verification of thermal stability of enclosures
Meets the product

standard's requirements.10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / HN-C50/3N with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.