

## INDUSTRIAL COMPONENT DATA

## HN-C50/2 194876 EATON ELECTRIC HN-C50/2

Brand: EATON - MOELLER | Manufacturer Part Number: HN-C50/2



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | HN-C50/2                        |
| Catalog number  | 194876                          |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-03F331CDDF                   |
| Generated       | 2026-08-05                      |

## Product Overview

HN-C50/2

Miniature circuit breaker (MCB), 50 A, 2p, characteristic: C

Miniature circuit breaker (MCB), HN, xPole Home, 2-pole, 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 &amp; Catalog Path

Catalog pathEATON - MOELLER &gt; Residential Switchgear

## Additional Product Information

Miniature circuit breaker (MCB), 50 A, 2p, characteristic: C  
Miniature circuit breaker (MCB), HN, xPole Home, 2-pole, 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 poles2 pole  
Tripping characteristicCA  
ApplicationSwitchgear for residential and commercial applications  
Rated current [In]50 A  
Rated switching capacity according to IEC/EN 60898-1 [Icn]6 kA  
Product rangeHN  
Technical data

ElectricalRated switching capacity according to IEC/EN 60898-1 [Icn]6 kADesign 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]9.9 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 resistanceMeets the product standard's requirements.  
10.2 Strength of materials and parts  
10.2.3.1 Verification of thermal stability of enclosuresMeets the product

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

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / HN-C50/2 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

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