

## INDUSTRIAL COMPONENT DATA

# HN-C40/2 194875 Y7-194875 EATON ELECTRIC Miniature Circuit breaker 2-pole C-char 40-A

Brand: EATON - MOELLER | Manufacturer Part Number: HN-C40/2



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | HN-C40/2                        |
| Catalog number  | Y7-194875                       |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 unit                          |
| Document ID     | EO-E056CB856C                   |
| Generated       | 2026-08-03                      |

## Product Overview

Miniature Circuit breaker 2-pole C-char 40-A

HN-C40/2

Eaton Moeller series xPole Home - HN/HN-HX MCB. HN, xPole Home, 2-pole, tripping characteristic: C, rated current In: 40 A, rated switching capacity IEC/EN 60898-1: 6 kA

Miniature circuit breaker (MCB), HN, xPole Home, 2-pole, tripping characteristic: C, rated current In: 40 A, rated switching capacity according to IEC/EN 60898-1: 6 kA, Switchgear for residential and commercial applications

## STRUCTURED PRODUCT DATA

## Technical Specifications

| TECHNICAL ATTRIBUTE                                                                    | VALUE |
|----------------------------------------------------------------------------------------|-------|
| Built-in depth (EF000218)                                                              | 44 mm |
| Release characteristic (EF000889)                                                      | C     |
| Number of poles (total) (EF008618)                                                     | 2     |
| Number of protected poles (EF005548)                                                   | 2     |
| Rated current (EF000227)                                                               | 40 A  |
| Rated voltage (EF000228)                                                               | 230 V |
| Rated insulation voltage Ui (EF001366)                                                 | 440 V |
| Rated impulse withstand voltage Uimp (EF011980)                                        | 4 kV  |
| Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V (EF009556)    | 6 kA  |
| Voltage type (EF000187)                                                                | AC    |
| Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V (EF009555)    | 6 kA  |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V (EF009557) | 0 kA  |

**CONTINUED**

## Technical Specifications

| TECHNICAL ATTRIBUTE                                                                    | VALUE  |
|----------------------------------------------------------------------------------------|--------|
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V (EF009558) | 0 kA   |
| Frequency (EF000416)                                                                   | 50 Hz  |
| Power loss (EF005387)                                                                  | 7.5 W  |
| Current limiting class (EF002568)                                                      | 3      |
| Flush-mounted installation (EF007517)                                                  | Yes    |
| Concurrently switching neutral conductor (EF005997)                                    | No     |
| Over voltage category (EF002569)                                                       | 3      |
| Pollution degree (EF002570)                                                            | 3      |
| Additional equipment possible (EF008148)                                               | Yes    |
| Width in number of modular spacings (EF002950)                                         | 2      |
| Degree of protection (IP) (EF005474)                                                   | IP20   |
| Ambient temperature during operating (EF007515)                                        | -25 °C |
| Connectable conductor cross section multi-wired (EF007343)                             | 1 mm²  |
| Connectable conductor cross section solid-core (EF007337)                              | 1 mm²  |
| Explosion-proof (EF004663)                                                             | No     |

## Classification & Catalog Path

|              |                                   |
|--------------|-----------------------------------|
| Catalog path | EATON - MOELLER > Home Switchgear |
|--------------|-----------------------------------|

## Additional Product Information

### General specifications

Product Name Eaton Moeller series xPole Home - HN/HN-HX MCB

Catalog Number 194875

Model Code HN-C40/2

EAN 9010238063594

Product Length/Depth 85 mm

Product Height 73 mm

Product Width 35.4 mm

Product Weight 0.24 kg

Compliances RoHS conform

Delivery program

Application Switchgear for residential and commercial applications

xPole Home - Switchgear for residential applications

Number of poles Two-pole

Number of poles (total) 2

Number of poles (protected) 2

Tripping characteristic C

Release characteristic C  
Amperage Rating 40 A  
Type HN  
Miniature circuit breaker  
Technical Data - Electrical  
Voltage type AC  
Rated operational voltage (Ue) - max 230 V  
Rated insulation voltage (Ui) 440 V  
Rated impulse withstand voltage (Uimp) 4 kV  
Frequency rating - min 50 Hz  
Frequency rating - max 60 Hz  
Rated switching capacity (IEC/EN 60898-1) 6 kA  
Overvoltage category III  
Pollution degree 3  
Technical Data - Mechanical  
Width in number of modular spacings 2  
Built-in depth 44 mm  
Degree of protection IP20  
Connectable conductor cross section (solid-core) - min 1 mm<sup>2</sup>  
Connectable conductor cr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / HN-C40/2 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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