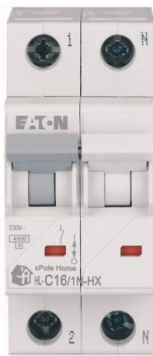


INDUSTRIAL COMPONENT DATA

HN-C16/1N 194851 Y7-194851 EATON ELECTRIC Miniature Circuit breaker 1N-pole C-char 16-A

Brand: EATON - MOELLER | Manufacturer Part Number: HN-C16/1N



Manufacturer	EATON - MOELLER
MPN / Reference	HN-C16/1N
Catalog number	Y7-194851
Category	Miniature circuit breaker (MCB)
Minimum order	1 unit
Document ID	EO-6B715C507C
Generated	2026-08-06

Product Overview

Miniature Circuit breaker 1N-pole C-char 16-A

HN-C16/1N

Eaton Moeller series xPole Home - HN/HN-HX MCB. HN, xPole Home, 1-pole+N, tripping characteristic: C, rated current In: 16 A, rated switching capacity IEC/EN 60898-1: 6 kA

Miniature circuit breaker (MCB), HN, xPole Home, 1-pole+N, tripping characteristic: C, rated current In: 16 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)	1
Rated current (EF000227)	16 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)	2.7 W
Current limiting class (EF002568)	3
Flush-mounted installation (EF007517)	Yes
Concurrently switching neutral conductor (EF005997)	Yes
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
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Additional Product Information

General specifications

Product Name Eaton Moeller series xPole Home - HN/HN-HX MCB Catalog Number 194851 Model Code HN-C16/1N EAN 9010238063358 Product Length/Depth 85 mm Product Height 73 mm Product Width 35.4 mm Product Weight 0.216 kg

Compliances RoHS conform Delivery program

Application Number of poles Single-pole + N Number of poles (total) 2 Number of poles (protected) 1 Tripping characteristic C Release characteristic C Amperage Rating 16 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 Rated short-circuit breaking capacity (EN 60898) at 230 V 6 kA Rated short-circuit breaking capacity (EN 60898) at 400 V 6 kA Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 0 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 0 kA Overvoltage category III Pollution degree 3 Technical data - mechanical Width in nu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / HN-C16/1N 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

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