

INDUSTRIAL COMPONENT DATA

NZMB1-A100 259079 Y7-259079 EATON ELECTRIC

Circuit-breaker, 3p, 100A

Brand: EATON - MOELLER | Manufacturer Part Number: NZMB1-A100



Manufacturer	EATON - MOELLER
MPN / Reference	NZMB1-A100
Catalog number	Y7-259079
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 unit
Document ID	EO-AC52F753C1
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Product Overview

Circuit-breaker, 3p, 100A

NZMB1-A100

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 100A, B, frame1, A100

Circuit-breaker NZM1, 3 pole, Switching capacity 400/415 V 50 Hz(Icu): 25 kA, Rated current = rated uninterrupted current

Rated current = rated uninterrupted current(In = Iu): 100 A, Installation type: Fixed, Box terminal, Standard/Approval: IEC,

Protective function: System and cable protection

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Rated permanent current Iu (EF001389)	100 A
Rated voltage (EF003977)	440 V
Rated short-circuit breaking capacity Icu at 400 V, 50 Hz (EF007048)	25 kA
Overload release current setting (EF002336)	80 A
Adjustment range short-term delayed short-circuit release (EF007129)	0 A
Adjustment range undelayed short-circuit release (EF007131)	600 A
Device construction (EF008240)	Built-in device fixed built-in technique
Integrated earth fault protection (EF007296)	No
Type of electrical connection of main circuit (EF006819)	Frame clamp
Suitable for DIN rail (top hat rail) mounting (EF007250)	No
DIN rail (top hat rail) mounting optional (EF008904)	Yes
Number of auxiliary contacts as normally closed contact (EF001377)	0

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Number of auxiliary contacts as normally open contact (EF001376)	0
Number of auxiliary contacts as change-over contact (EF003531)	0
With switched-off indicator (EF007006)	No
With integrated under voltage release (EF001390)	No
Number of poles (EF001391)	3
Position of connection for main current circuit (EF006671)	Front
Type of control element (EF006976)	Rocker lever
Complete device with protection unit (EF008906)	Yes
Motor drive integrated (EF006697)	No
Motor drive optional (EF007386)	No
Degree of protection (IP) (EF005474)	IP20

Classification & Catalog Path

Catalog path	EATON - MOELLER > Circuit Breakers NZM
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Additional Product Information

General specifications

Product Name Eaton Moeller series NZM molded case circuit breaker thermo-magnetic Catalog Number 259079 Model Code NZMB1-A100 EAN 4015082590796 Product Length/Depth 88 mm Product Height 145 mm Product Width 90 mm Product Weight 1.069 kg Compliances RoHS conform Certifications IEC/EN 60947

IEC Product specifications

Type Circuit breaker Special features Application Use in unearthed supply systems at 440 V Amperage Rating 100 A Voltage rating 440 V - 440 V Circuit breaker frame type NZM1 Features Protection unit 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 Corrosion resista...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMB1-A100 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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