

INDUSTRIAL COMPONENT DATA

J7MN-3R-1E6 J7MN9074E J7MN3R1E6 OMRON 1 1.6 A / 0.55 KW Rotary

Brand: OMRON | Manufacturer Part Number: J7MN-3R-1E6



Manufacturer	OMRON
MPN / Reference	J7MN-3R-1E6
Catalog number	J7MN3R1E6
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
Document ID	EO-F206752D85
Generated	2026-08-04

Product Overview

1 - 1.6 A / 0.55 KW Rotary

Motor-protective circuit breaker, rotary type, 3-pole, 1-1.6 A

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Low Voltage Switchgear > J7MN Motor Protector

Additional Product Information

Rated power AC2, AC3 at 400 V [kW]0.55 kWSuitable for motors 3 ~ 400 V [kW]0.55 kWRated current [A]1.6 ASetting range thermal overload release current [A]1-1.6 ASetting range instantaneous short-circuit release current [A]20.8-20.8 AShort-circuit breaking capacity at 3 ~ 400 V [kA]100 kATerminal typeScrewProduct Width (unpacked)45 mmProduct Height (unpacked)98 mmProduct Depth (unpacked)100 mmControl typeRotary type
ETIM for 234296 Low-voltage industrial controls and switchgear (EC000074)

Feature Name

Feature Value

Degree of protection (IP) (EF005474)

IP20

Type of control element (EF006976)

Rotating button

Device construction (EF008240)

Complete device in housing

Type of electrical connection of main circuit (EF006819)

Screw connection
Switch off technique (EF007007)
Thermomagnetic
Phase failure sensitive (EF007400)
Yes
With integrated under voltage release (EF001390)
No
With integrated auxiliary switch (EF001387)
No
Rated permanent current I_u (EF001389)
1.6 A
Rated short-circuit breaking capacity I_{cu} at 400 V, AC (EF007049)
100 kA
Width (EF000008)
45 mm
Rated operation power at AC-3, 400 V (EF001364)
0.55 kW
Height (EF000040)
98 mm
Number of poles (EF001391)
3
Depth (EF000049)
100 mm
Rated operation power at AC-3, 230 V (EF007025)
0.55 kW
Overload release current setting (EF002336)
1 A
Adjustment range undelayed short-circuit release (EF007131)
20.8 A
Rated operating voltage (EF001435)
400 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / J7MN-3R-1E6 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.