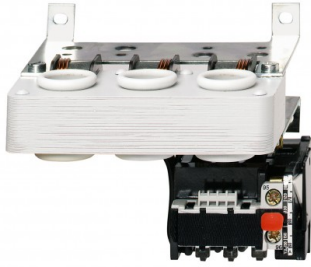


INDUSTRIAL COMPONENT DATA

J7TKN-E-120 J7TK9037C J7TKNE120 OMRON 80A 120A (J7KN-85..150)

Brand: OMRON | Manufacturer Part Number: J7TKN-E-120



Manufacturer	OMRON
MPN / Reference	J7TKN-E-120
Catalog number	J7TKNE120
Category	Thermal overload relay
Minimum order	1 Pcs
Document ID	EO-6C5FFC5B71
Generated	2026-07-29

Product Overview

80A - 120A (J7KN-85..150)

Overload relay, 3-pole, 80-120 A, separate mounting, hand reset

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 > J7TK Thermal overload relays

Additional Product Information

Series of overload relays covering a setting range from 0.24A to 220A

All components are finger proof

Specifications & ordering info

Ordering information

Applicable contactors

Setting range

Size in mm (H × W × D)

(incl. standard J7KN[A] contactor)

Order code

D.O.L. (A)

Star-delta (A)

J7KNA-09..., J7KNA-12...

0.12 to 0.18

-

95 × 48.5 × 77

J7TKN-A-E18

0.18 to 0.27

-

J7TKN-A-E27

0.27 to 0.4

-

J7TKN-A-E4

0.4 to 0.6

-

J7TKN-A-E6

0.6 to 0.9

-

J7TKN-A-E9

0.8 to 1.2

-

J7TKN-A-1E2

1.2 to 1.8

-

J7TKN-A-1E8

1.8 to 2.7

-

J7TKN-A-2E7

2.7 to 4

-

J7TKN-A-4

4 to 6

7 to 10.5

J7TKN-A-6

6 to 9

10.5 to 15.5

J7TKN-A-9

8 to 11

14 to 19

J7TKN-A-11

10 to 14

18 to 24

J7TKN-A-14

J7KN-10D... to J7KN-40...

0.12 to 0.18

-

126.5 × 45 × 70 (J7KN-10D to J7KN-22D);

141.5 × 45 × 87.5 (J7KN-24 to J7KN-40)

J7TKN-B-E18

0.18 to 0.27

-

J7TKN-B-E27

0.27 to 0.4

-

J7TKN-B-E4

0.4 to 0.6

-

J7TKN-B-E6

0.6 to 0.9

-

J7TKN-B-E9

0.8 to 1.2

-

J7TKN-B-1E2

1.2 to 1.8

-

J7TKN-B-1E8

1.8 to 2.7

-

J7TKN-B-2E7

2.7 to 4

-

J7TKN-B-4

4 to 6

7 to 10.5

J7TKN-B-6

6 to 9

10.5 to 15.5

J7TKN-B-9

8 to 11

14 to 19

J7TKN-B-11

10 to 14

18 to 24

J7TKN-B-14

13 to 18

23 to 31

J7TKN-B-18

17 to 24

30 to 41

J7TKN-B-24

23 to 32

40 to 55

J7TKN-B-32

J7KN-24... to J7KN-40...

28 to 42

48 to 73

136 × 67 × 96.5

J7TKN-C-42

J7KN-50... to J7KN-74...

40 to 52

70 to 90

180 × 69 × 108

J7TKN-D-52

52 to 65

90 to 112

J7TKN-D-65

60 to 74

104 to 128

J7TKN-D-74

J7KN-90... to J7KN-115...

60 to 90

104 to 156

260 × 107 × 120

J7TKN-E-90

80 to 120

140 to 207

J7TKN-E-120

J7...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / J7TKN-E-120 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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