

INDUSTRIAL COMPONENT DATA

J7TKN-F-180 J7TK9097G J7TKNF180 OMRON Relay thermal overload, 3-pole, 60-90 TO, J7KN-151..176, manual reset

Brand: OMRON | Manufacturer Part Number: J7TKN-F-180



Manufacturer	OMRON
MPN / Reference	J7TKN-F-180
Catalog number	J7TKNF180
Category	Thermal overload relay
Minimum order	1 Pcs
Document ID	EO-F0A2D103C8
Generated	2026-08-05

Product Overview

Relay thermal overload, 3-pole, 60-90 TO, J7KN-151..176, manual reset

Overload thermal relay, 3-pole, 60-90 A, J7KN-151.. 176, manual reset

Overload relay, 3-pole, 120-180 A, J7KN-151..176, manual reset, seperate mounting

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-F-180 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.