

**INDUSTRIAL COMPONENT DATA**

# J7TKN-B-E18 J7TK9016M J7TKNBE18 OMRON 0.12 TO 0.18 TO (J7KN-10..40)

Brand: OMRON | Manufacturer Part Number: J7TKN-B-E18



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | OMRON                  |
| MPN / Reference | J7TKN-B-E18            |
| Catalog number  | J7TKNBE18              |
| Category        | Thermal overload relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-549479FE27          |
| Generated       | 2026-08-03             |

## Product Overview

0.12 TO - 0.18 TO (J7KN-10..40)

0.12A - 0.18A (J7KN-10.. 40)

Overload relay, 3-pole, 0.12-0.18 A, direct mounting on J7KN10-40, hand and auto 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 &amp; 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-B-E18 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.