

**INDUSTRIAL COMPONENT DATA**

# J7KN-176 24 J7KN9349F J7KN17624 OMRON Over 90kw / 175A Coil ac/dc

Brand: OMRON | Manufacturer Part Number: J7KN-176 24



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | OMRON                         |
| MPN / Reference | J7KN-176 24                   |
| Catalog number  | J7KN17624                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-1037BEE137                 |
| Generated       | 2026-08-05                    |

## Product Overview

Over 90kw / 175A Coil ac/dc

90KW / 175A Ac/cc coil

Contactor, 3-pole, 175 A/90 kW AC3 (250 A AC1), 24 VAC

**STRUCTURED PRODUCT DATA**

## Technical Specifications

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

## Classification & Catalog Path

Catalog path      OMRON &gt; Low Voltage Switchgear &gt; J7KN Contactors

## Additional Product Information

Basic units can be combined with auxiliary contacts (top/side mounting)

3-main-pole and 4-main-pole versions are possible

The power range covers 4 to 500kW

Different coil voltages (AC and DC)

J7KN-10D to J7KN-22D models have integrated auxiliary contact for electronic circuits (3-pole versions)

Specifications &amp; ordering info

Ordering information

Operation

Poles

AC3

400 V rated motor current

Rating AC2, AC3

Rated current

Auxiliary contact

Overload relay

Size in mm

(H × W × D)

Order code

Coil voltage1, replace \_\_\_\_ with:

380 V 400 V 415 V kW

500 V kW

660 V 690 V kW

AC1

690 V

A

NO

NC

VAC

VDC

AC or DC

3

10 A

4

5.5

5.5

25

1

0

J7TKN-B

67 × 45 × 82.5

J7KN-10D-10\_\_\_\_

24

110

230

400

24D

110D

4

5.5

5.5

25

0

1

J7KN-10D-01\_\_\_\_

24

110

230

400

24D

110D

14 A

5.5

7.5

7.5

25

1

0

J7KN-14D-10\_\_\_\_

24

110

230

400

24D

110D

5.5

7.5

7.5

25

0

1

J7KN-14D-01\_\_\_\_

24

110

230

400

24D

110D

18 A

7.5

10

10

32

1

0

J7KN-18D-10\_\_\_\_

24

110

230

400

24D

110D

7.5

10

10

32

0

1

J7KN-18D-01\_\_\_\_

24

110

230

400

24D

110D

22 A

11

10

10

32

1

0

J7KN-22D-10\_\_\_\_

24

110

230

400

24D

110D

11

10

10

32

0

1

J7KN-22D-01\_\_\_\_

24

110

230

400

24D

110D

24 A

11

15

15

50

0

0

J7TKN-C

78 × 45 × 104.5

J7KN-24\_\_\_\_

24

110

230

400  
24D  
110D  
32 A  
15  
18.5  
18.5  
65  
0  
0  
J7KN-32\_\_\_\_  
24  
110  
230  
400  
24D  
110D  
40 A  
18.5  
18.5  
18.5  
80  
0  
0  
J7KN-40\_\_\_\_  
24  
110  
230  
400  
24D  
110D  
50 A  
22  
30  
30  
110  
0  
0  
J7TKN-D  
112 × 60 × 113  
J7KN-50\_\_\_\_  
24  
110  
230  
400  
24D  
110D

62 A  
30  
37  
37  
120  
0  
0  
J7KN-62\_\_\_\_  
24  
110  
230  
400  
24D  
110D  
74 A  
37  
45  
45  
130  
0  
0  
J7KN-74\_\_\_\_  
24  
110  
230  
400  
24D  
110D  
AC a...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / J7KN-176 24 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.