

INDUSTRIAL COMPONENT DATA

J7KN-90 230 J7KN9626F J7KN90230 OMRON 45KW / 90A / AC3

Brand: OMRON | Manufacturer Part Number: J7KN-90 230



Manufacturer	OMRON
MPN / Reference	J7KN-90 230
Catalog number	J7KN90230
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-B963E49321
Generated	2026-08-01

Product Overview

45KW / 90A / AC3

Contactor, 3-pole, 45 kW; 90 A AC3 (380-415 VAC), 230 VAC/DC

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 > 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 & 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-90 230 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.