

Motor Contactor J7KN

- Range from 4 to 500 kW (AC 3, 380/415 V)
- AC and DC operated
- Integrated auxiliary contacts; integrated aux. contact of J7KN contactors up to 11kW suitable for electronic circuits
- Screw fixing and snap fitting (35 mm DIN rail) up to 37 kW
- Compliant to the global standards
- Finger proof (BGV A2)
- System contactors for Fuseless Load Feeders with integrated link modules
- All needed approvals like CE, UL, GOST & CCC. The J7KN fulfills the following standards; IEC 947-4-1, VDE 0660 and EN 60947-4-1.
- Accessories like auxiliary contacts front or/and side mounted, mechanical interlock and suppressor units.
- Mirror Contacts (NC) according to IEC 60947-4-1 for safety applications



Model Number Legend

1. Motor Contactors

J7KN-□-□-□-□-□ □
1 2 3 4 5 6

- 1) Motor Contactor
- 2) G for low DC control power consumption
- 3) Rated Motor Current.
D for integrated aux. contact for electronic circuits (except for 4-pole versions)
- 4) Integrated auxiliary contact configuration
- 5) Coil voltage
- 6) D for DC coil supply

2. Aux. Contact Modules for Motor Contactors

J73KN-□-□-□ □
1 2 3 4

- 1) Auxiliary Contact Modules
- 2) Motor contactors size
- 3) Combination of NO / NC contacts
- 4) Place of mounting

3. Accessories for Motor Contactors (Pneumatic Timers)

J74KN-□-□-□-□ □
1 2 3 4 5

- 1) Accessories for Motor Contactor
- 2) Motor contactors size
- 3) Pneumatic Timer
- 4) Time range
- 5) Function

4. Accessories for Motor Contactors (Mechanical Interlock)

J74KN-□-□ □
1 2 3

- 1) Accessories for Motor Contactor
- 2) Motor contactors size
- 3) Mechanical Interlock

5. Accessories for Motor Contactors (RS Suppressor units)

J74KN-□-□-□ □
1 2 3 4

- 1) Accessories for Motor Contactor
- 2) Motor contactors size
- 3) RS-surge suppressors
- 4) Voltage

6. Accessories for Motor Contactors (RC Suppressor units)

J74KN-□-□-□ □
1 2 3 4

- 1) Accessories for Motor Contactor
- 2) C2 = J7KN
- 3) RC = RC suppressor unit
- 4) Voltage

7. Accessories for Motor Contactors (Additional Terminals and Terminal Covers)

J74KN-□-□ □
1 2




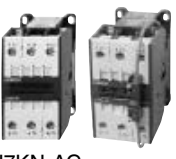
- 1) Accessories for Motor Contactor
- 2) Version

8. Insulated wiring systems for Motor Contactors

J74-WK□-□ □
1 2 3

- 1) Additional reference for LVSG
- 2) WKR = Wiring Kit Reverser;
WKSD = Wiring Kit Star Delta
- 3) Version

■ Contactors

| | Ratings | | | | Rated current AC1 | No. of Poles | Control circuit Power consum. | | Aux. Contacts | | Partnumber | | Add. suffix for DC types coil voltage | | | | | | | | |
|--|-------------------------------|-------------|----------------------|------------|----------------------|--------------|----------------------------------|-------|---------------|----|-----------------|-----------------|---|-------------------|-----------------|-------------------------|-------------------------|--------------------------|------------------------|--------------|---|
| | AC2, AC3 | | | | | | Inrush | Hold | Built-in | | front | side | | Type ¹ | | | | | | | |
| | 380 V 400 V 415 V kW | 500 V kW | 660 V 690 V kW | 690 V A | | | | | DC type W | NO | | | | | NC ² | Number of con- tacts | Number of con- tacts | Voltage specification | 24 48 110 230 | | |
|  J7KN-AC  J7KNG  J7KN-DC | 4 | 5,5 | 5,5 | 25 | 3 | 33-45 | 7-10 | 1 | – | 4 | – | J7KN-10D-10 □□□ | – | | | | | | | | |
| | | | | | 4 | | | – | 1 | | | J7KN-10D-01 □□□ | | | | | | | | | |
| | | | | | 3 | 3 | 3 | 1 | – | | | 3 | | – | J7KNG-10-10 □□□ | | | | | | |
| | | | | | 4 | | | – | 1 | | | | | | J7KNG-10-01 □□□ | | | | | | |
| | | | | | 3 | 75 | 2 | 1 | – | | | 3 | | – | J7KN-10D-10 □□□ | | | | | | |
| | | | | | 4 | | | – | 1 | | | | | | J7KN-10D-01 □□□ | | | | | | |
| | 5,5 | 7,5 | 7,5 | 25 | 3 | 33-45 | 7-10 | 1 | – | 4 | – | J7KN-14D-10 □□□ | – | | | | | | | | |
| | | | | | 4 | | | – | 1 | | | J7KN-14D-01 □□□ | | | | | | | | | |
| | | | | | 3 | 3 | 3 | 1 | – | | | 3 | | – | J7KNG-14-10 □□□ | | | | | | |
| | | | | | 4 | | | – | 1 | | | | | | J7KNG-14-01 □□□ | | | | | | |
| | | | | | 3 | 75 | 2 | 1 | – | | | 3 | | – | J7KN-14D-10 □□□ | | | | | | |
| | | | | | 4 | | | – | 1 | | | | | | J7KN-14D-01 □□□ | | | | | | |
| 7,5 | 10 | 10 | 32 | 3 | 33-45 | 7-10 | 1 | – | 4 | – | J7KN-18D-10 □□□ | – | | | | | | | | | |
| | | | | 4 | | | – | 1 | | | J7KN-18D-01 □□□ | | | | | | | | | | |
| | | | | 3 | 3 | 3 | 1 | – | | | 3 | | – | J7KNG-18-10 □□□ | | | | | | | |
| | | | | 4 | | | – | 1 | | | | | | J7KNG-18-01 □□□ | | | | | | | |
| | | | | 3 | 75 | 2 | 1 | – | | | 3 | | – | J7KN-18D-10 □□□ | | | | | | | |
| | | | | 4 | | | – | 1 | | | | | | J7KN-18D-01 □□□ | | | | | | | |
| 11 | 10 | 10 | 32 | 3 | 33-45 | 7-10 | 1 | – | 4 | – | J7KN-22D-10 □□□ | – | | | | | | | | | |
| | | | | 4 | | | – | 1 | | | J7KN-22D-01 □□□ | | | | | | | | | | |
| | | | | 3 | 3 | 3 | 1 | – | | | 3 | | – | J7KNG-22-10 □□□ | | | | | | | |
| | | | | 4 | | | – | 1 | | | | | | J7KNG-22-01 □□□ | | | | | | | |
| | | | | 3 | 75 | 2 | 1 | – | | | 3 | | – | J7KN-22D-10 □□□ | | | | | | | |
| | | | | 4 | | | – | 1 | | | | | | J7KN-22D-01 □□□ | | | | | | | |
| 11 | 15 | 15 | 50 | 3 | 90-115 | 9-13 | – | – | 4 | 4 | J7KN-24 □□□ | – | | | | | | | | | |
| | | | | 4 | 4 | 3 | | | | | J7KNG-24 □□□ | | | | | | | | | | |
| | | | | 140 | 2 | 3 | | | | | J7KN-24 □□□ | | | | | | | | | | |
| | | | | 15 | 18,5 | 18,5 | | | | | 65 | | 3 | 90-115 | 9-13 | – | – | 4 | 4 | J7KN-32 □□□ | – |
| | | | | | | | | | | | | | 4 | 4 | 3 | | | | | J7KNG-32 □□□ | |
| | | | | | | | | | | | | | 140 | 2 | 3 | | | | | J7KN-32 □□□ | |
| 18,5 | 18,5 | 18,5 | 80 | 3 | 90-115 | 9-13 | – | – | 4 | 4 | J7KN-40 □□□ | – | | | | | | | | | |
| | | | | 4 | 4 | 3 | | | | | J7KNG-40 □□□ | | | | | | | | | | |
| | | | | 140 | 2 | 3 | | | | | J7KN-40 □□□ | | | | | | | | | | |
|  J7KN-AC J7KNG J7KN-DC | 22 | 30 | 30 | 110 | 3 | 140-185 | 13-18 | – | – | 4 | 4 | J7KN-50 □□□ | – | | | | | | | | |
| | | | | | 200 | 6 | 3 | | | | | J7KN-50 □□□ | | | | | | | | | |
| | 30 | 37 | 37 | 120 | 3 | 3 | 140-185 | 13-18 | – | – | 4 | 4 | J7KN-62 □□□ | – | | | | | | | |
| | | | | | | 200 | 6 | 3 | | | | | J7KN-62 □□□ | | | | | | | | |
| | 37 | 45 | 45 | 130 | 3 | 3 | 140-185 | 13-18 | – | – | 4 | 4 | J7KN-74 □□□ | – | | | | | | | |
| | | | | | | 200 | 6 | 3 | | | | | J7KN-74 □□□ | | | | | | | | |