

CJX2(LC1-D) AC CONTACTOR



LC1-D09



LC1-D18



LC1-D25



LC1-D32



LC1-D50



LC1-D95



LC1-D115



LC1-D225



LC1-D330



LC1-D150



LC1-D170



LC1-D630

APPLICATION

CJX2(LC1-D) series AC Contactor is suitable for using in the circuits up to the rated voltage 660V AC 50Hz or 60 Hz, rated current up to 630A, for making, breaking, frequently starting & controlling the AC motor. Combined with the auxiliary contact block, timer delay & machine-inter locking device etc, it becomes the delay contactor, mechanical interlocking contactor, star-delta starter. With the thermal relay, it is combined into the electromagnetic starter. The contactor is produced according to IEC947-2, VDE0660 & BS5452.

SPECIFICATION

| Type | | LC1-D09 | LC1-D12 | LC1-D18 | LC1-D25 | LC1-D32 |
|---|-----------------------|---------|---------|---------|---------|---------|
| Rated working current (A) | AC3 | 9 | 12 | 18 | 25 | 32 |
| | AC4 | 3.5 | 5 | 7.7 | 8.5 | 12 |
| AC3 capacity of phase 3 squirrel-cage motor AC 3 (KW) | 220/230V | 2.2 | 3 | 4 | 5.5 | 7.5 |
| | 380/400V | 4 | 5.5 | 7.5 | 11 | 15 |
| | 415V | 4 | 5.5 | 9 | 11 | 15 |
| | 440V | 4 | 5.5 | 9 | 11 | 15 |
| | 500V | 5.5 | 7.5 | 10 | 15 | 18.5 |
| | 660/690V | 5.5 | 7.5 | 10 | 15 | 18.5 |
| Rated heat current (A) | | 20 | 20 | 32 | 40 | 50 |
| Electrical life | AC4 × 10 ⁴ | 20 | 20-15 | 20-7 | 15-7 | 15-7 |
| | AC3 × 10 ⁶ | 2 | 2 | 2 | 2 | 2 |
| Mechanical life × 10 ⁶ | | 20 | 20 | 20 | 20 | 20 |
| Number of the contacts | | 3P+NO | | | | |
| | | 3P+NC | | | | |

| Type | | LC1-D40 | LC1-D50 | LC1-D65 | LC1-D80 | LC1-D95 |
|---|-----------------------|----------|---------|---------|---------|---------|
| Rated working current (A) | AC3 | 40 | 50 | 65 | 80 | 95 |
| | AC4 | 18.5 | 24 | 28 | 37 | 44 |
| AC3 capacity of phase 3 squirrel-cage motor AC 3 (KW) | 220V | 11 | 15 | 18.5 | 22 | 25 |
| | 380V | 18.5 | 22 | 30 | 37 | 45 |
| | 415V | 22 | 25 | 37 | 45 | 45 |
| | 440V | 22 | 30 | 37 | 45 | 45 |
| | 500V | 22 | 30 | 37 | 55 | 55 |
| | 660V | 30 | 33 | 37 | 45 | 45 |
| Rated heat current (A) | | 60 | 80 | 80 | 125 | 125 |
| Electrical life | AC4 × 10 ⁴ | 10-7 | 7 | 7-6 | 7-5 | 7-5 |
| | AC3 × 10 ⁶ | 2 | 2 | 1-6 | 1.6 | 1.6 |
| Mechanical life × 10 ⁶ | | 20 | 20 | 20 | 10 | 10 |
| Number of the contacts | | 3P+NC+NO | | | | |

| Type | A | B | C | b1 | P | Q | S | Q1 | M | H | L | φ | Ga | Ha |
|---------|-----|-----|-----|-----|----|----|----|------|-----|-----|-------|-----|----|-----|
| LC1-115 | 167 | 163 | 172 | 137 | 37 | 70 | 20 | 60 | 147 | 124 | 107 | M6 | 80 | 110 |
| LC1-150 | 167 | 171 | 172 | 137 | 40 | 70 | 20 | 57.5 | 150 | 124 | 107 | M8 | | |
| LC1-185 | 171 | 174 | 183 | 137 | 40 | 71 | 20 | 59.5 | 154 | 127 | 113.5 | M8 | | |
| LC1-225 | 171 | 197 | 183 | 137 | 48 | 71 | 25 | 51.5 | 172 | 127 | 113.5 | M10 | | |
| LC1-265 | 204 | 203 | 215 | 145 | 48 | 87 | 25 | 66.5 | 178 | 147 | 141 | M10 | | |
| LC1-330 | 213 | 206 | 220 | 145 | 48 | 91 | 25 | 74 | 181 | 158 | 145 | M10 | 96 | |

OUTLINE & MOUNTING SIZES

Outline & mounting sizes of LC1-D115~330 contactors are shown as followings:

