

# F-Line Contactors (115A ~ 800A) Contactors' Specifications, Spare Coils

## 3 Pole Contactor (without AC or DC operating coil)



LC1FDP115A

| Maximum Current  |                  | Maximum HP Rating |      |      |      | Main Pole Configuration |    | Catalog Number |
|------------------|------------------|-------------------|------|------|------|-------------------------|----|----------------|
| Inductive AC-3 A | Resistive AC-1 A | 200V              | 230V | 480V | 600V | NO                      | NC |                |
| 115              | 200              | 30                | 40   | 75   | 100  | 3                       | -  | LC1FDP115A     |
| 150              | 250              | 40                | 50   | 100  | 125  | 3                       | -  | LC1FDP150A     |
| 185              | 275              | 50                | 60   | 125  | 150  | 3                       | -  | LC1FDP185A     |
| 225              | 315              | 50                | 65   | 130  | 155  | 3                       | -  | LC1FDP225A     |
| 265              | 350              | 60                | 75   | 150  | 200  | 3                       | -  | LC1FDP265A     |
| 330              | 400              | 75                | 100  | 200  | 250  | 3                       | -  | LC1FDP330A     |
| 400              | 500              | 100               | 125  | 250  | 300  | 3                       | -  | LC1FDP400A     |
| 500              | 700              | 150               | 200  | 400  | 500  | 3                       | -  | LC1FDP500A     |
| 630              | 1000             | 250               | 300  | 600  | 800  | 3                       | -  | LC1FDP630A     |
| 780              | 1600             | Current rated     |      |      |      | 3                       | -  | LC1FDP780A     |
| 800              | 1000             | Current rated     |      |      |      | 3                       | -  | LC1FDP800A     |

Note : 115A - 630A (UL) & 115A - 780A (SE) approved (only for Standard Fault Ratings)

## 4 Pole Contactor (without AC or DC operating coil)



LC1FDP1154A

| Maximum Current  |                  | Maximum HP 3 Phase |      |      |      | Main Pole Configuration |    | Catalog Number |
|------------------|------------------|--------------------|------|------|------|-------------------------|----|----------------|
| Inductive AC-3 A | Resistive AC-1 A | 200V               | 230V | 480V | 600V | NO                      | NC |                |
| 115              | 200              | 30                 | 40   | 75   | 100  | 4                       | -  | LC1FDP1154A    |
| 150              | 250              | 40                 | 50   | 100  | 125  | 4                       | -  | LC1FDP1504A    |
| 185              | 275              | 50                 | 60   | 125  | 150  | 4                       | -  | LC1FDP1854A    |
| 225              | 315              | 50                 | 65   | 130  | 155  | 4                       | -  | LC1FDP2254A    |
| 265              | 350              | 60                 | 75   | 150  | 200  | 4                       | -  | LC1FDP2654A    |
| 330              | 400              | 75                 | 100  | 200  | 250  | 4                       | -  | LC1FDP3304A    |
| 400              | 500              | 100                | 125  | 250  | 300  | 4                       | -  | LC1FDP4004A    |
| 500              | 700              | 150                | 200  | 400  | 500  | 4                       | -  | LC1FDP5004A    |
| 630              | 1000             | 250                | 300  | 600  | 800  | 4                       | -  | LC1FDP6304A    |
| 780              | 1600             | Current Rated      |      |      |      | 4                       | -  | LC1FDP7804A    |

- Order coils separately from chart below.
- 4P Contactors' (UL)/(SE) listing under process

## Coils

| For Contactors | Catalog Number |          |
|----------------|----------------|----------|
|                | AC             | DC       |
| F115A - F150   | LX1FFXXV       | LX4FFXXV |
| F185 - F225    | LX1FGXXV       | LX4FGXXV |
| F265 - F330    | LX1FHXXV2      | LX4FHXXV |
| F400           | LX1FJXXV       | LX4FJXXV |
| F500           | LX1FKXXV       | LX4FKXXV |
| F630           | LX1FLXXV       | LX4FLXXV |
| F780           | LX1FXXXV       | LX4FXXXV |
| F800           | LX4F8XXV       | LX4FXXV  |

Replace XX with voltage rating from Table-9 for AC Coil & from table 10 for DC Coil



LX1FFXX

| Contactor        | Volts AC | 24 | 48 | 110 | 115 | 120 | 127 | 200 | 208 | 220 | 230 | 240 | 277 | 380 | 400 | 415 | 440 | 480 | 500 | 600 | 660 |
|------------------|----------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| F115, F150       | 50 Hz    | ✓  | ✓  | ✓   | x   | x   | ✓   | x   | x   | ✓   | ✓   | ✓   | x   | ✓   | ✓   | ✓   | ✓   | x   | ✓   | ✓   | x   |
| F185, F225       | 60 Hz    | ✓  | ✓  | ✓   | ✓   | ✓   | x   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | x   | ✓   | ✓   |
| F265, F330       | 40-400Hz | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | x   | ✓   | x   | ✓   | x   | ✓   | ✓   | ✓   | x   |
| F400, F500, F630 | 40-400Hz | x  | ✓  | ✓   | x   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | x   | ✓   | ✓   | x   |
| F780             | 40-400Hz | x  | ✓  | x   | x   | ✓   | x   | x   | x   | ✓   | x   | ✓   | x   | x   | x   | ✓   | x   | ✓   | x   | x   | x   |
| F800             | 40-400Hz | x  | ✓  | ✓   | x   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | x   | ✓   | ✓   | x   |

- If 24V, 50Hz Coil is required, replace XX with 24V, 50Hz

| Volt DC          | 24 | 48 | 110 | 120 | 125 | 220 | 240 | 250 | 440 |
|------------------|----|----|-----|-----|-----|-----|-----|-----|-----|
| F115, F150, F185 | ✓  | ✓  | ✓   | x   | ✓   | ✓   | x   | ✓   | ✓   |
| F225, F265, F330 | ✓  | ✓  | ✓   | x   | ✓   | ✓   | x   | ✓   | ✓   |
| F115, F150, F185 | ✓  | ✓  | ✓   | x   | ✓   | ✓   | x   | ✓   | ✓   |
| F400, F500       | ✓  | ✓  | ✓   | x   | ✓   | ✓   | x   | ✓   | ✓   |
| F630             | x  | ✓  | ✓   | x   | ✓   | ✓   | x   | ✓   | ✓   |
| F780             | x  | x  | ✓   | ✓   | x   | ✓   | ✓   | ✓   | ✓   |
| F800             | x  | x  | ✓   | ✓   | x   | ✓   | ✓   | ✓   | ✓   |

Note : Protected shrouds for main poles available & to be ordered separately from page B-25