

# Contactors

## 3 Pole /Frame Size 150AF/225AF



includes 2 x UA-1-11  
Auxiliary switch,  
(2NO/2NC)

Additional Auxiliaries  
and other accessories  
see page 11-13



includes 2 x AU-100-11  
Auxiliary switch,  
(2NO/2NC)

Additional Auxiliaries  
and other accessories  
see page 11-13

### 150AF with Lug Terminals

### 225AF

| Type                 | MC-130A* | MC-150A* | MC-185A | MC-225A |
|----------------------|----------|----------|---------|---------|
| Number of Poles      | 3        | 3        | 3       | 3       |
| NEMA Size            | 3        | 4        | 4       | 4       |
| Standard Auxiliaries | 2NO/2NC  | 2NO/2NC  | 2NO/2NC | 2NO/2NC |

|                | Coil Voltage | Frequency | Part. No.        | Part. No.        | Part. No. | Part. No. |
|----------------|--------------|-----------|------------------|------------------|-----------|-----------|
| <b>AC Coil</b> | 24V          | 50/60 Hz  | MC-130A-AC24V-L  | MC-150A-AC24V-L  | -         | -         |
|                | 110V         | 50/60 Hz  | MC-130A-AC110V-L | MC-150A-AC110V-L | -         | -         |
|                | 220V         | 50/60 Hz  | MC-130A-AC220V-L | MC-150A-AC220V-L | -         | -         |
|                | 300V         | 50/60 Hz  | MC-130A-AC300V-L | MC-150A-AC300V-L | -         | -         |
|                | 400V         | 50/60 Hz  | MC-130A-AC400V-L | MC-150A-AC400V-L | -         | -         |
|                | 500V         | 50/60 Hz  | MC-130A-AC500V-L | MC-150A-AC500V-L | -         | -         |
| <b>DC Coil</b> | 12V          | -         | MC-130A-DC12V-L  | MC-150A-DC12V-L  | -         | -         |
|                | 24V          | -         | MC-130A-DC24V-L  | MC-150A-DC24V-L  | -         | -         |
|                | 110V         | -         | MC-130A-DC110V-L | MC-150A-DC110V-L | -         | -         |
|                | 220V         | -         | MC-130A-DC220V-L | MC-150A-DC220V-L | -         | -         |

### AC/DC

| Common Coil | Coil Voltage |          |   |   |                  |                  |
|-------------|--------------|----------|---|---|------------------|------------------|
|             | AC 50/60Hz   | DC       |   |   |                  |                  |
|             | 24-25V       | 24V      | - | - | MC-185A-24V      | MC-225A-24V      |
|             | 48-50V       | 48V      | - | - | MC-185A-48V      | MC-225A-48V      |
|             | 100-240V     | 100-220V | - | - | MC-185A-100/200V | MC-225A-100/200V |
|             | 265-347V     | -        | - | - | MC-185A-300V     | MC-225A-300V     |
|             | 380-450V     | -        | - | - | MC-185A-400V     | MC-225A-400V     |
|             | 440-575V     | -        | - | - | MC-185A-500V     | MC-225A-500V     |

### HP Rating / UL508

|              |                    | HP   | HP   | HP   | HP   |
|--------------|--------------------|------|------|------|------|
|              | Continuous current | 160A | 210A | 230A | 275A |
| Single phase | 110~120V           | 10   | 15   | 15   | 15   |
|              | 220~240V           | 20   | 25   | 30   | 40   |
| Three phase  | 200~208V           | 40   | 40   | 60   | 60   |
|              | 220~240V           | 40   | 50   | 60   | 75   |
|              | 440~480V           | 75   | 100  | 125  | 150  |
|              | 550~600V           | 75   | 75   | 125  | 150  |

### Overload Relays

(Class 10A,  
Differential Typical)



MT-150

| Setting Ranges (A) | Frame Size 150AF | Frame Size 225AF |
|--------------------|------------------|------------------|
| 34-50A             | MT-150/3K-50     | -                |
| 45-65A             | MT-150/3K-65     | -                |
| 54-75A             | MT-150/3K-75     | -                |
| 63-85A             | MT-150/3K-85     | -                |
| 65-100A            | -                | MT-225/3K-100    |
| 80-105A            | MT-150/3K-105    | -                |
| 85-125A            | -                | MT-225/3K-125    |
| 95-130A            | MT-150/3K-130    | -                |
| 110-150A           | MT-150/3K-150    | -                |
| 100-160A           | -                | MT-225/3K-160    |
| 120-185A           | -                | MT-225/3K-185    |
| 160-240A           | -                | MT-225/3K-240    |

\* Screw terminals available; please remove "-L" from part number, e.g. MC-75A-AC24V.

Drawings and other technical information can be found on page 14-20.