

# Contactors

## 3 Pole / Frame Size 100AF



**Altech Corp.**<sup>®</sup>

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

Additional Auxiliaries  
and other accessories  
see page 11-13

100AF

| Type                 | MC-75A* | MC-85A* | MC-100A* |
|----------------------|---------|---------|----------|
| Number of Poles      | 3       | 3       | 3        |
| NEMA Size            | 2       | 3       | 3        |
| Standard Auxiliaries | 2NO/2NC | 2NO/2NC | 2NO/2NC  |

|                | Coil Voltage | Frequency | Part. No.     | Part. No.     | Part. No.      |
|----------------|--------------|-----------|---------------|---------------|----------------|
| <b>AC Coil</b> | 24V          | 50/60 Hz  | MC-75A-AC24V  | MC-85A-AC24V  | MC-100A-AC24V  |
|                | 120V         | 50/60 Hz  | MC-75A-AC120V | MC-85A-AC120V | MC-100A-AC120V |
|                | 208V         | 60 Hz     | MC-75A-AC208V | MC-85A-AC208V | MC-100A-AC208V |
|                | 230V         | 50/60 Hz  | MC-75A-AC230V | MC-85A-AC230V | MC-100A-AC230V |
|                | 480V         | 60 Hz     | MC-75A-AC480V | MC-85A-AC480V | MC-100A-AC480V |

Other AC Coil Voltages Available:

60 Hz: 277V, 600V

50/ 60Hz: 48V, 100V, 110V, 200V, 220V, 240V, 380V, 415V, 440V, 500V, 550V

|                |     |   |              |              |               |
|----------------|-----|---|--------------|--------------|---------------|
| <b>DC Coil</b> | 12V | — | MC-75A-DC12V | MC-85A-DC12V | MC-100A-DC12V |
|                | 24V | — | MC-75A-DC24V | MC-85A-DC24V | MC-100A-DC24V |

Other DC Coil Voltages Available:

20V, 48V, 60V, 80V, 100V, 110V, 125V, 200V, 220V, 250V

### HP Rating / UL508

|                    | HP       | HP   | HP   |
|--------------------|----------|------|------|
| Continuous current | 110A     | 135A | 160A |
| Single phase       | 110~120V | 5    | 7.5  |
|                    | 220~240V | 15   | 20   |
| Three phase        | 200~208V | 25   | 30   |
|                    | 220~240V | 30   | 40   |
|                    | 440~480V | 50   | 75   |
|                    | 550~600V | 60   | 75   |

### Overload Relays

(Class 10A,  
Differential Typical)



MT-95

#### Setting Ranges (A)

#### Frame Size 100AF

|         |              |
|---------|--------------|
| 7-10A   | MT-95/3K-10  |
| 9-13A   | MT-95/3K-13  |
| 12-18A  | MT-95/3K-18  |
| 16-22A  | MT-95/3K-22  |
| 18-25A  | MT-95/3K-25  |
| 22-32A  | MT-95/3K-32  |
| 24-36A  | MT-95/3K-36  |
| 28-40A  | MT-95/3K-40  |
| 34-50A  | MT-95/3K-50  |
| 45-65A  | MT-95/3K-65  |
| 54-75A  | MT-95/3K-75  |
| 63-85A  | MT-95/3K-85  |
| 70-95A  | MT-95/3K-95  |
| 80-100A | MT-95/3K-100 |

\* Lug terminals available; please add "L" to part number, e.g. MC-75A-AC24V-L.

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