

## MARS Definite Purpose Contactors

MARS definite purpose contactors are designed for use on refrigeration, air conditioning, and electric heating systems. They are available in one pole with shunt (one and one half pole) configurations, from 30 thru 40 amps. MARS brand definite purpose contactors are also available in 2 pole models (30 and 40 amp) and 3 pole models (30 through 75 amp). The universal mounting base allows replacement of most contactor brands. Straight-thru wiring and small size speeds installation.

### Features:

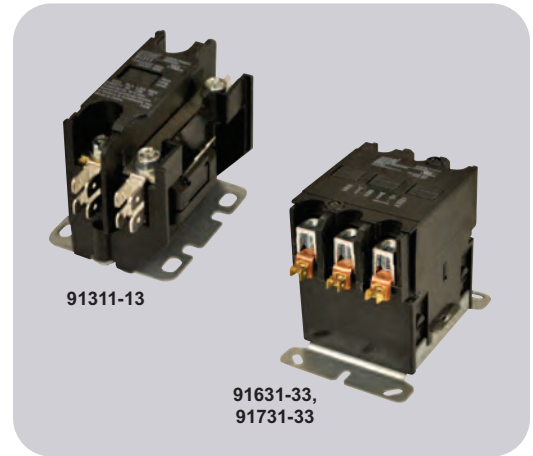
- Used in air conditioning, heating and refrigeration
- Box lug terminations speed installation
- Universal mounting base
- Contact cover and enclosed coils reduce dirt and insect intrusion
- Compact design
- Silver-Cadmium contacts

### Specifications:

- Meets ARI 780/790 requirements
- cULus Approval
- 1,000,000 Cycle mechanical life

### Auxiliary Switches

| MARS NO | DESCRIPTION | USED ON           |
|---------|-------------|-------------------|
| 61623   | SPDT        | All 3 Pole<br>910 |
| 61624   | 1 NO        |                   |
| 61625   | 1 NC        |                   |



| MARS NO. | FLA | POLES          | LOCKED ROTOR AMPS |     |     |     | RES. AMPS | COIL VOLTS | TERMINATION | HORSEPOWER  |        |             |       |
|----------|-----|----------------|-------------------|-----|-----|-----|-----------|------------|-------------|-------------|--------|-------------|-------|
|          |     |                | 240               | 277 | 480 | 600 |           |            |             | 1 PH<br>240 | 240    | 3 PH<br>480 | 600   |
| 91311    | 30  | 1 Pole w/Shunt | 180               | 180 |     |     | 40        | 24         | Screw Type  | -           | -      | -           | -     |
| 91312    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91313    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91315    | 30  | 1 Pole w/Shunt | 180               | 180 |     |     | 40        | 24         | Box Lug     | -           | -      | -           | -     |
| 91316    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91317    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91321    | 30  | 2              | 180               | -   | 150 | 120 | 40        | 24         | Screw Type  | -           | -      | -           | -     |
| 91322    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91323    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91325    | 30  | 2              | 180               | -   | 150 | 120 | 40        | 24         | Box Lug     | -           | -      | -           | -     |
| 91326    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91327    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91331    | 30  | 3              | 180               | -   | 150 | 120 | 40        | 24         | Screw Type  | 3 HP        | 7.5 HP | 10 HP       | 15 HP |
| 91332    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91333    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91335    | 30  | 3              | 180               | -   | 150 | 120 | 40        | 24         | Box Lug     | 3 HP        | 7.5 HP | 10 HP       | 15 HP |
| 91336    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91337    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91411    | 40  | 1 Pole w/Shunt | 240               | 240 | -   | -   | 50        | 24         | Box Lug     | -           | -      | -           | -     |
| 91421    | 40  | 2              | 240               | -   | 200 | 160 | 50        | 24         | Box Lug     | -           | -      | -           | -     |
| 91422    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91423    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91431    | 40  | 3              | 240               | -   | 200 | 160 | 50        | 24         | Box Lug     | 5 HP        | 10HP   | 15 HP       | 20 HP |
| 91432    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91433    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91531    | 50  | 3              | 300               | -   | 250 | 200 | 63        | 24         | Box Lug     | 5 HP        | 15 HP  | 20 HP       | 25 HP |
| 91532    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91533    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91631    | 60  | 3              | 360               | -   | 300 | 240 | 75        | 24         | Box Lug     | 7.5 HP      | 20 HP  | 25 HP       | 30 HP |
| 91632    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91633    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |
| 91731    | 75  | 3              | 450               | -   | 375 | 300 | 94        | 24         | Box Lug     | 15 HP       | 25 HP  | 40 HP       | 40 HP |
| 91732    |     |                |                   |     |     |     |           | 120        |             |             |        |             |       |
| 91733    |     |                |                   |     |     |     |           | 208/230    |             |             |        |             |       |