

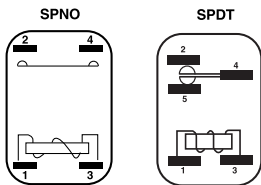
# MARS General Purpose Switching Relays

## SPST and SPDT Fan Relays

The MARS Series 903 relays are among the most popular relays used in air conditioning today. They will replace the WR/Essex/RBM Type 84 (90-290 thru 90-295) quick-connect and screw terminal versions.

**Features:**

- 0.25 inch quick-connect terminals
- Packaged with instructions and cross reference
- Replace 90-290 thru 90-295 and 90-290Q thru 90-295Q
- Dimensions: 2.38 x 1.63 x 1.50 in.
- UL and CSA listings available



| COIL VOLTAGE | MARS NO. SPST | MARS NO. SPDT |
|--------------|---------------|---------------|
| 24           | 90290         | 90293         |
| 110/120      | 90291         | 90294         |
| 208/240      | 90292         | 90295         |

**Contact Rating—  
All Models/Amps**

| VOLTAGE | FULL LOAD | LOCKED ROTOR | RESISTIVE |
|---------|-----------|--------------|-----------|
| 120     | 12        | 60           | 18        |
| 240     | 8         | 48           | 18        |
| 277     | 7         | 42           | 18        |

**Cross Reference Information**

| WR/RBM NO. | MARS NO. | WR/RBM NO. | MARS NO. |
|------------|----------|------------|----------|
| 90-290     | 90290    | 90-293     | 90293    |
| 90-290Q    | 90290    | 90-293Q    | 90293    |
| 90-291     | 90291    | 90-294     | 90294    |
| 90-291Q    | 90291    | 90-294Q    | 90294    |
| 90-292     | 90292    | 90-295     | 90295    |
| 90-292Q    | 90292    | 90-295Q    | 90295    |

Coil Data:  
24-240 VAC @ 50/60 Hz;  
5 VA Max. Inrush; 3.0 VA Max. Sealed

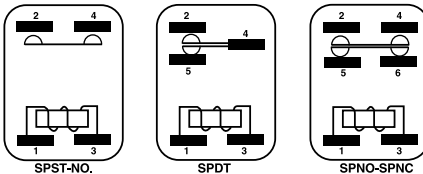
## Heavy Duty Fan Relays

MARS Heavy Duty Fan Relays are used on heating and air conditioning equipment to provide switching of heavier loads with a compact size relay. MARS Heavy Duty Fan Relays replace WR/Essex/RBM type 184.



**Features:**

- 0.25 inch quick-connect terminals
- Packaged with instructions and cross reference
- Replaces WR/Essex/RBM Type 184
- Universal mounting bracket
- UL and CSA listings available



**Contact Rating—  
All Models/Amps**

| VOLTAGE | FULL LOAD | LOCKED ROTOR | RESISTIVE |
|---------|-----------|--------------|-----------|
| 120     | 12        | 60           | 18        |
| 240     | 8         | 48           | 18        |
| 277     | 7         | 42           | 18        |

**Coil Data**

| COIL VOLTAGE | MAX INRUSH | MAX SEALED |
|--------------|------------|------------|
| 24           | 5 VA       | 3 VA       |
| 120          | 5 VA       | 3 VA       |
| 208/240      | 5 VA       | 3 VA       |

**Cross Reference**

| COIL VOLTAGE | MARS NO. SPST | MARS NO. SPDT | MARS NO. SPNO-SPNC | WR/RBM NO. | MARS NO. | WR/RBM NO. | MARS NO. |
|--------------|---------------|---------------|--------------------|------------|----------|------------|----------|
| 24           | 90360         | 90370         | 90380              | 90-360     | 90-360   | 90-374     | 90374    |
| 110/120      | 90362         | 90372         | 90382              | 90-362     | 90-362   | 90-380     | 90380    |
| 208/240      | 90364         | 90374         | 90384              | 90-364     | 90-364   | 90-382     | 90382    |
| 277          |               | 90377         |                    | 90-370     | 90-370   | 90-384     | 90384    |
|              |               |               |                    | 90-372     | 90-372   |            |          |

