

5 New Honeywell M9184 Foot-Mounted Motors From DtiCorp.com

Honeywell M9184 - Series 90 Modutrol IV Motors non-spring return modulating proportional control motors used with controllers that provide a Series 90 output to operate dampers or valves.

January 9, 2011 (FPRC) -- Popular Honeywell online retailer DtiCorp.com (<http://www.DtiCorp.com>) is introducing 5 brand new Honeywell M9184 Foot Mounted Motors. Series 90 Modutrol IV Motors non-spring return modulating proportional control motors used with controllers that provide a Series 90 output to operate dampers or valves.

Features:

- Replaces M934A,D, M941, M944A,C,D, M945A,D,F, M954, M965, and M975 motors.
- Integral junction box provides NEMA 3 weather protection if motor is mounted in the upright position.
- Motor and circuitry operate from 24 Vac.
- Quick-connect terminals are standard; screw terminal adapter is available.
- Adapter bracket for matching shaft height of older motors is available.
- Motors have field adjustable stroke (90 to 160 degrees).
- Integral auxiliary switches are available factory mounted, or can be field added.
- All models have dual shafts (slotted and tapped on both ends).
- All models have auxiliary switch cams.
- Fixed torque throughout the entire voltage range.
- Motors are designed for either normally open or normally closed valves and dampers.
- Field addable interface modules can be mounted in the junction box to upgrade the motor to Series 70 (electronic) control.

Specifications:

- The Series 90 Modutrol IV Motors are spring return and non-spring return modulating proportional control motors. Use these motors with controllers that provide a Series 90 output to operate dampers or valves.
- Control Inputs: Proportional, Series 90.
- Motor Series 90 control can be either Electronic, or Mechanical (135 ohm).
- Ambient Temperature Ratings:
 - Maximum: 150° F (66° C) at 25% duty cycle.
 - Minimum: -40° F (-40° C).
- 25% duty cycle indicates that the motor operates for 6 out of every 24 hours.
- Dead Weight Load On Shaft:
 - Power or Auxiliary End: 200 lb (90.8 kg) maximum.
 - Maximum Combined Load: 300 lb (136 kg). (Dual shaft motors only.)
- Crankshaft: 3/8 in. (9.5 mm) square. (Some models have double-ended shafts.)
- Torque designation corresponds to torque rating at standard timing (nominally 60 sec for 160° and

30 sec for 90° except for 300 lb-in. motors which have timings of 2 or 4 min).

- Allow enough clearance for installing accessories and motor servicing when selecting a location. If located outdoors, use liquid-tight conduit connectors with the junction box to provide NEMA 3 weather protection. If mounted outdoors in a position other than upright, install a 4074ERU Weatherproofing Kit.
- In excessive salt environments, mounting base and screws should be zinc or cadmium plated, not stainless steel or brass. Use the 220738A Adapter Bracket for mounting on these surfaces.
- Auxiliary switches can only be added to motors that include auxiliary switch cams. (These cams cannot be field-added.)
- Some 150 lb-in. and 300 lb-in. torque adjustable stroke motors have timings that are twice that of the nominal timing.
- Never use a Modutrol Motor continuously at the Breakaway Torque rating.
- Underwriters Laboratories Inc. Listed: File No. E4436, Guide No. XAPX to US and Canadian standards.
- U.S. Patents: pending

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