Modutrol Actuator With 135 Ohm Control

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

Overview



Series 90 Modutrol IV™ Motors are spring return and non-spring return modulating proportional control motors. These motors are used with controllers that provide a Series 90 output to operate dampers or valves.
Features & Benefits:

- Replaces M934A/D, M941, M944A/C/D, M945A/D/F, M954, M965, and M975 motors
- Integral junction box provides NEMA 3 weather protection
- Integral spring return returns motor to normal position when power is interrupted
- Motor and circuitry operate from 24V AC; models available with factory installed transformer, or a field added internal transformer
- 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°)
- Die-cast aluminum housing
- Integral auxiliary switches are available factory mounted, or can be field added
- Nominal timing standard of 30 seconds (90° stroke), and 60 seconds (160° stroke); other timings available

Certifications:

- UL Listed: File No. ED4436, Guide No. XAPX
- CSA Certified: General Listing File No. LR1620, Guide 400-E

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Search by Part Number or Description Clear

Compare	Part Number		Description		
☐	M9185A1018/U		Modutrol Motor, Spring Return, 60 lb-in, 24 Vac, Proportional (135 ohm), Adj ...		
☐	M9185C1006/U	Discontinued	Modutrol Motor, Spring Return, 60 lb-in, 24 Vac, Proportional (135 ohm), Adj ...		
☐	M9184D4009/U	Discontinued	Modutrol Motor, Non-Spring Return, 150 lb-in, 24 Vac, Proportional (135 oh...		
☐	M9174C1033/U	Discontinued	Modutrol Motor, Non-Spring Return, 75 lb-in, 120 Vac, Proportional (135 oh...		
☐	M9184B1025/U	Discontinued	Modutrol Motor, Non-Spring Return, 150 lb-in, 120 Vac, Proportional (135 o...		
☐	M9184C1023/U	Discontinued	Modutrol Motor, Non-Spring Return, 150 lb-in, 24 Vac, Proportional (135 oh...		
☐	M9184F1034/U		Proportional Modutrol Motor, 135 Ohm Control, 17Nm, 24 Vac, 90-160 degr...		
☐	M9184B1009/U	Discontinued	Modutrol Motor, Non-Spring Return, 150 lb-in, 24 Vac, Proportional (135 oh...		
☐	M9161V1009/U	Discontinued	Modutrol Motor, Non-Spring Return, 35 lb-in, 24 Vac, Proportional (135 ohm...		
☐	M9185E4005/U	Discontinued	Modutrol Motor, Spring Return, 60 lb-in, 24 Vac, Proportional (135 ohm), Adj ...		
☐	M9184C1049/U		CLEAVER BROOKS SPECIAL PN 894-3471, 12		
☐	M9184B1017/U	Discontinued	SERIES 2 MOD IV MOTOR		
☐	M9164A1005/U		Modutrol Motor, Non-Spring Return, 35 lb-in, 120 Vac, Proportional (135 oh...		
☐	M9185A1075/U	Discontinued	Modutrol Motor, Series 90, Medium Torque, Dual Shaft, Spring Return, Propo...		
☐	M9194C1005/U		Modutrol Motor, Non-Spring Return, 300 lb-in, 120 Vac, Proportional (135 o...		
☐	M9184D1021/U		ModIV 150lb-in 24Vac Modulating 30-60s		
☐	M9184C1031/U		ModIV 150lb-in 24Vac Modulating 30-60s		
☐	M9174C1041/U	Discontinued	Modutrol Motor, Non-Spring Return, 75 lb-in, 120 Vac, Proportional (135 oh...		
☐	M9185E1019/U	Discontinued	Modutrol Motor, Spring Return, 60 lb-in, 24 Vac, Proportional (135 ohm), Adj ...		
☐	M9164A1013/U	Discontinued	Modutrol Motor, Non-Spring Return, 35 lb-in, 24120230 Vac, Proportional (...		
☐	M9175B1000/U	Discontinued	Modutrol Motor, Non-Spring Return, 60 lb-in, 120 Vac, Proportional (135 oh...		
☐	M9184E4006/U	Discontinued	Modutrol Motor, Non-Spring Return, 150 lb-in, 24 Vac, Proportional (135 oh...		
☐	M9191F1001/U		Modutrol Motor, Non-Spring Return, 300 lb-in, 24 Vac, Proportional (135 oh...		
☐	M9194D1003/U		Modutrol Motor, Non-Spring Return, 300 lb-in, 24 Vac, Proportional (135 oh...		
☐	M9185F1002/U	Discontinued	Modutrol Motor, Series 90, Medium Torque, Dual Shaft, Spring Return, Propo...		
☐	M9174B1027/U		Modutrol Motor, Non-Spring Return, 75 lb-in, 120 Vac, Proportional (135 oh...		
☐	M9184A1019/U		MOD MOTOR - M9184A1019U		
☐	M9185D4008/U		Modutrol Motor, Spring Return, 60 lb-in, 24 Vac, Proportional (135 ohm), Adj ...		
☐	M9174C1025/U		Modutrol Motor, Non-Spring Return, 75 lb-in, 120 Vac, Proportional (135 oh...		
☐	M9182D1023/U	Discontinued	Modutrol Motor, Spring Return, 60 lb-in, 24 Vac, Proportional (135 ohm), Adj ...		
☐	M9174D1007/U	Discontinued	Modutrol Motor, Non-Spring Return, 75 lb-in, 24 Vac, Proportional (135 ohm...		
☐	M9185D1004/U		Modutrol Motor, Spring Return, 60 lb-in, 24 Vac, Proportional (135 ohm), Adj ...		
☐	M9184D1005/U	Discontinued	MOD MOTOR		
☐	M9194E1000/U		Modutrol Motor, Non-Spring Return, 300 lb-in, 24 Vac, Proportional (135 oh...		
☐	M9182A1011/U		VALVEDAMPER ACTUATOR PROPORTIONING, 6		
☐	M9174C1025/P		Modutrol Motor, Non-Spring Return, 75 lb-in, 120 Vac, Proportional (135 oh...		
☐	M9164A1070/U	Discontinued	Modutrol Motor, Non-Spring Return, 35 lb-in, 24 Vac, Proportional (135 ohm...		
☐	M9164C1001/U		SERIES 2 MOD IV MOTOR		

Compare	Part Number		Description	
☐	M9164D1009/U		Modutrol Motor, Non-Spring Return, 35 lb-in, 24 Vac, Proportional (135 ohm...	
☐	M9164C1068/U	ⓘ Discontinued	Modutrol Motor, Non-Spring Return, 35 lb-in, 120 Vac, Proportional (135 oh...	

Related Products



Modutrol Motor Parts and Accessories

Modutrol-motoronderdelen en -accessoires



Q209 Manual Potentiometer for...

Used to limit minimum position of a proportioning Modutrol motor.



Q7x30 Interface Modules for Series 90 Modutrol IV...

For converting Series 90 Modutrol IV motors to Series 70 (electronic) control.