



MSxx03 Diamond Series 27 Lb-In. Spring Return Direct Coupled Actuators

Used within heating, ventilating, and airconditioning (HVAC) systems to drive a variety of quarter-turn, final control elements requiring spring return fail-safe operation.

Overview



Honeywell has long been a leading name in actuators, and the Diamond Spring Return Actuator is the latest addition to the popular Honeywell lineup. You can count on the Diamond Actuator to support your product with reliable performance day in and day out. A simplified shaft adapter and integral conduit connector saves space and eliminates the need for additional tools or conduit connectors, and 360-degree conduit connectors swivel allowing for easy conduit installation at almost any needed angle. The combination of high quality, small size and competitive price makes the Diamond Actuator the perfect choice for high-volume, low-torque applications, including: rooftop units, economizers, compact control dampers and control valves.

Features & Benefits:

- Modulating, Universal, Sylk Communicating and Fire & Smoke models available
- Easily accommodates most length, width and depth restrictions
- 27 lb-in (3 Nm) torque
- 24Vac / 24Vdc supply voltage
- Low energy consumption
- Self-centering shaft adapter (SCSA) cuts installation time
- Fast 30s stroke test mode available
- With and without self centering shaft adapter
- With and without 360 degree conduit connectors
- With and without auxiliary switches (2 x SPST, fixed at 10° and 80°, 125Vac, 1A resistive load)

Certifications:

- UL60730
- IEC 60730-1 and Part 2-14
- UL1097 for Double Insulation
- CE Certification Low Voltage Directive 2014/35/EU
- CE EMC 2004/108/EC
- Switch cables are UL certified only
- Enclosure Ratings:
 - IP54, in horizontal and cable down positions, IP50 in cable up position.

- NEMA 2
- Flame Resistance UL94-5VA
- UL2043, switch wiring dependent on conduit
- installation































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Direct Coupled Actuator Accessories
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Ball Joints, Push Rods and Crank Arms