



VA24-35-PTO — Submittal/Technical Data

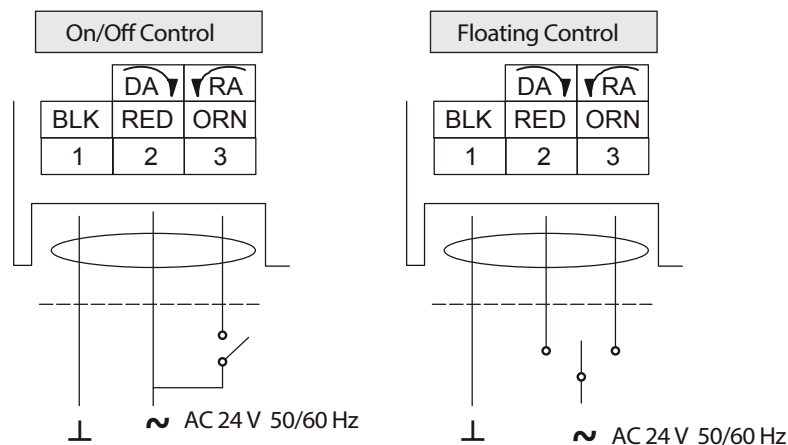
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35 lb-in. — Non-Spring Return — On/Off & Floating — Plenum Cable — Time-Out Feature

Specifications:

Power Supply	Operating Voltage	24 VAC +25%/-20% at 50/60 Hz
	Power Consumption	3.0 VA
Equipment Rating		Class 2 or Safety Extra-Low Voltage (SELV)
Control Signal	Input Signal	24 VAC +25%/-20% at 50/60 Hz, Class 2 or SELV with Timeout
Function	Torque	35 in-lbs. (4 Nm)
	Runtime for 90° of Rotation	60 Seconds at 60 Hz / 72 Seconds at 50 Hz
	Rotation Range	93° ±3°, CW or CCW
	Time Out	Auto shutoff feature to prevent excessive wear or drive time on the motor
Mounting	Shaft Size	Up to 1/2 in. (13 mm) Diameter Round Shaft or 3/8 in. (10 mm) Square Shaft
Enclosure		NEMA 2, IP42
Manual Override		External Push Button
Ambient Conditions/Temperatures	Operating	-4 to 140°F (-20 to 60°C); 90% RH Maximum, Non-Condensing
	Storage	-20 to 150°F (-29 to 66°C); 90% RH Maximum, Non-Condensing
Connection		48 in. (1.2 m) UL 444 Type CMP Plenum Rated Cable with 19 AWG (0.75 mm ²) conductors and 1/4 in. (6 mm) ferrule ends
Life Cycle		100,000 Full Stroke Cycles; 2,500,000 repositions at rated running torque
Audible Noise Rating		35 dBA Nominal at 1 Meter
Dimensions		Actuator Only - (L) 5.16" x (W) 2.81" x (H) 2.06
Weight		1.25 lb. (0.55 kg)
Agency Certification		UL Listed, CCN XAPX, File E27734; to UL 60730-1A: 2003-08, Ed. 3.1, Automatic Electrical Controls for Household and Similar Use; and UL 60730-2-14: 2002-02, Ed. 1, Part 2 Particular Requirements for Electric Actuators (All Models) Actuator Housing is Plenum Rated per CSA C22.2 No. 236/UL 1995, Heating and Cooling Equipment

Wiring: (Plenum Cable)



NOTE: To avoid excessive wear or drive time on the motor, use a controller and/or software that provides a time-out function to remove the signal at the end of rotation (stall).

The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the nearest Bray office. Bray controls shall not be liable for damages resulting from misapplication or misuse of its products.