



RA Series — Submittal/Technical Data

09/25/15

531 lb-in. — On/Off, Floating and Modulating — Auxiliary Switch Option

Specifications:

Model Number	RA02460N20	RA02460N21	RA02460N30
Non-Spring Return	On/Off and Floating		Modulating
Power Requirements	24 VAC at 50/60 Hz or 24 VDC		
Power Consumption ¹	7.0 W		
Standby Power Consumption	2.0 W		
Voltage Range	19...29 VAC/DC		
Input Control Signal	24 VAC at 50/60 Hz or 24 VDC		0(2)...10 VDC or 0(4)...20mA Jumper Selectable
Control Signal Input Impedance	0 to 10V > 100k ohms 2 to 10V > 50kohms		
Position Feedback Signal			0(2)...10 VDC, max 5mA
Auxilliary Switch Rating	N/A	2 X SPDT (AG)/5(2.5)A, 250 VAC/0...95°	N/A
Torque	531 in/lbs. (60 Nm)		
Rotation Range	0 to 95°, CW or CCW		
Runtime for 90° of Rotation	150 seconds		
Manual Override	Gear box ratchet with pushbutton, self-resetting		
Audible Noise Rating	<45dB(A)		
Life Cycle	20,000 full cycles, 600,000 repositions		
Ambient Conditions	Operating / -22 to 122°F (-30 to 50°C) 5 to 95% RH without condensation Storage / -22 to 176°F (-30 to 80°C) 5 to 95% RH without condensation		
Enclosure	NEMA 2 (IP 54)		
Electrical Cable Connection	0.04 in., 3 X 0.03 in. ² (1m, 3 X 0.75 mm ²)		0.04 in., 4 X 0.03 in. ² (1m, 4 X 0.75 mm ²)
Dimensions	7.6 X 3.78 X 2.36 in. (193 X 96 X 60 mm)		
Weight	3.75 lbs. (1.7 kg)		

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

¹ Size the transformers for this value.

Wiring: (Cable) - (See Sales Brochure for further details)

