

DCMS24-62-P — Submittal/Technical Data

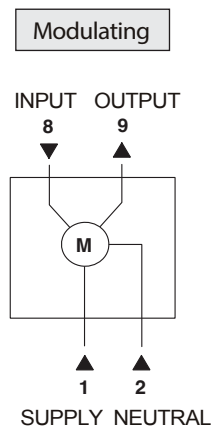
06/30/22

62 lb-in. — Spring Return — Modulating — Plenum Cable

Specifications:

Power Supply	24 VAC \pm 20%; 24 VDC \pm 15% at 50/60 Hz: Class 2, Class III per EN 60730, 5 VA/3.5W Running, 4 VA/3W Holding Position	
Control Input Impedance	>100k Ohms	
Input Signal	0 to 10 Vdc (max. 35 Vdc)	
Feedback Signal	Voltage output signal GMA16x 0 to 10 Vdc; Maximum output current +1 mA, -0.5 mA	
Rotation Range	Nominal angle of rotation 90°; Maximum angular rotation 95°	
Torque	62 lb-in. (7 N·m)	
Time: 90° of Rotation	Power On (Running) 90 Seconds for 62 lb-in (7 Nm) at (60 seconds max. at -25°F [-32°C]) Power Off (Returning) 15 Seconds Typical for 62 lb-in (7 Nm) at (60 seconds max. at -25°F [-32°C])	
Enclosure	NEMA 1 (IP54) limited mounting orientations	
Manual Override	Hex Head Screw	
Ambient Conditions	Standard Operating	-25°F to 130°F (-32°C to 55°C); 95% RH Maximum, Noncondensing
	Storage	-40°F to 158°F (-40°C to 70°C); 95% RH Maximum, Noncondensing
Electrical Connections	36 in. (.9 m) Plenum Cable with 18 AWG (0.75 mm ²) Wire Leads	
Conduit Connections	Integral Connectors for 1/2 in. NPT	
Mechanical Connections	Round Shafts	1/4 to 3/4-inch (6.4 to 20.5 mm)
	Square Shafts	1/4 to 1/2-inch (6.4 to 13 mm)
Life Cycle	60,000 Full stroke cycles (1,500,000 repositions)	
Noise Rating	40 dBA	
Dimensions	8-3/8" (L) x 3-1/4" (W) x 2-2/3 (H)	
Weight	2.9 lb (1.3 kg)	
Agency Certification	UL listed to UL60730 (to replace UL873) cUL certified to Canadian Standard C22.2 No. 24-93 Low voltage directive (LVD) 2006/95/EC - EN 60 730-2-14 (Type 1)	

Wiring: (Cable)



NOTE: **WARNING:** All DCS-62 Series actuators are designed for use only in conjunction with operating controls. Where an operating control failure would result in personal injury and/or loss of property, it is the responsibility of the installer to add safety devices or alarm systems that protect against, and/or warn of, control failure.

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.