

DMSC-15 Series of Spring Return Damper Actuators



Summarize:

Lizard Controls DMSC-15 Spring Return damper actuator Series are designed specifically for application into the HVAC market.

Characters :

- 2 point on/off control
- Damper Size up to 3.0 m²
- Voltage AC/DC 24V and AC 230V available
- Shaft dimension Ø 10...19mm / 10...16 square
- Anti-rotation bracket provided for stability
- Customized version available
- Adjustable angle of rotation
- Selectable direction of rotation by reversing actuator
- 2 adjustable SPDT auxiliary switches when requested
- Energy saving at end stops
- Actuators with 1m cable connection

Model	DMSC-15DN-1 24V	DMSC-15DF-1 24V	DMSC-15DN-2 220V	DMSC-15DF-2 220V
Torque	15Nm			
Damper Size	3m ²			
Power Supply	AC / DC24V		AC220V	
Frequency	50...60Hz			
Power Consumption	6W Operation/2.5W Stop		6.5W Operation /2.5W Stop	
For wire sizing	10VA			
Electric Level	III(Safty Low Pressure)		II(Isolation)	
Controls Signal	2 Point On/Off			
Angle of Rotation	90° (95° mechanical)			
Rotation Limiting	5°...85° in 5° step			
Weight	Around 3.0Kg			
Life Cycle	>60, 000 times			
Noise	Mortor Max 50dB(A); Spring Max 62dB(A)			
IP Protection	IP54			
Ambient Temperature	-20°...50° as per IEC 721-3-3			
Ambient Humidity	5...95% RH			
Inventory	+70° as per 721-3-2			
Maintenance	Maintenance free			
Certification	CE and ISO 9000 EN / EEC... Requirements			

Wiring Diagram and Shape :

- + AC 24V
+ ~ DC 24V
N L1 AC 220V

