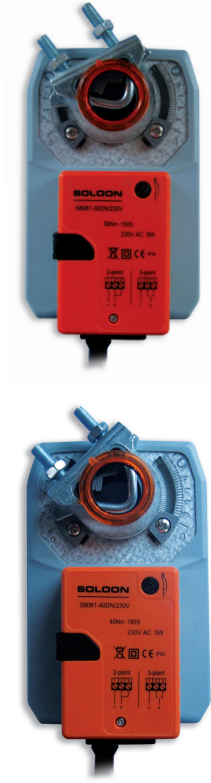


Product Application Reference

Rotary Air Damper Actuators

S8081 - 30/40 Nm Series On/Off Damper Actuators



Summary

Soloan S8081-30/40Nm Series On/Off Damper Actuators are designed specifically for applications in the HVAC and light industrial markets.

Features

- For air control dampers up to approx. 6m² / 8m²
- Torque 30 Nm / 40 Nm
- Control Signal 2 Point and 3 Point
- Nominal voltage AC/DC 24V and AC 230V
- 1 adjustable auxiliary switch
- Shaft dimensions 12 to 22mm round, 12 to 18mm square
- Minimum shaft length 45mm
- Selectable direction of rotation CW/CCW
- Adjustable angle of rotation
- Actuator with 1000mm cable connection
- Customer's version available on request

Specifications

Model	S8081-30D	S8081-40D
Torque	30Nm	40Nm
Damper Area	6m ²	8m ²
Running Time	170sec	180sec
Power Supply	AC24V; DC24V; AC220/230V	
Frequency	50/60Hz	
Operating Power Consumption	5W (24V); 5W (220V/230V)	
Inactive Power Consumption	0.4W (24V); 1W (220V/230V)	
Wiring Size	7.5VA	
Weight	1.4kg	
Control Signal	2 point / 3 point	
Rotation Angle	0 ~ 90°	
Limit Angle	5 ~ 85° (5° per step)	
Auxiliary Switch Rating	3 (1.5) Amp 230V	
Life Cycle	60,000 rotation	
Sound Level	45dB(A)	
Protection Class	II	
IP Protection	IP54	
Operating Temperature	-20 ~ +50°C	
Non-operating Temperature	-30 ~ +60°C	
Ambient Humidity	5 ~ 95%RH	
Storage	-40 ~ +70°C	
Certificate	CE	

Ordering code

S8081 - X X X X

- └─ F: Auxiliary Switch
- └─ Voltage Supply: 1:24V, 2: 230V
- └─ D: On/Off (Digital)
- └─ Torque (Nm): 30Nm, 40Nm

※ CE Compliance EMC (89/336/EEC) according to the standard EN73/23/EEC and 93/68/EEC.