

Product Application Reference

Rotary Air Damper Actuators

S8081 - 10/20 Nm Series On/Off Damper Actuators



Summary

Soloan S8081-10/20Nm Series On/Off Damper Actuators are designed specifically for applications in the HVAC and light industrial markets.

Features

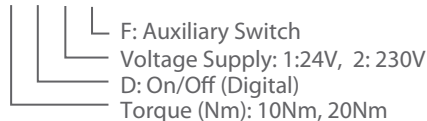
- Torque 10 Nm
- Damper size 2.0m²
- Power Supply AC/DC 24V and AC230V
- Control Signal 2 Point and 3 Point
- 1 adjustable auxiliary switch (SPDT)
- Shaft dimensions 12 to 26.7mm round, 10 to 20mm square
- Minimum shaft length 45mm
- Selectable direction of rotation
- Manual over-ride push button when required
- Adjustable angle of rotation
- Actuator with 1000mm cable connection
- Customer's version available on request
- For air control dampers up to approx. 4m²
- Torque 20 Nm
- Nominal voltage AC/DC 24V and AC 230V
- Universal adapter 12...20mm / 11...14mm
- Manual over-ride push button when required
- 1 adjustable auxiliary switch (SPDT)
- Selectable direction of rotation CW/CCW
- Actuator with 1000mm cable connection
- Customer's version available on request

Specifications

Model	S8081-10D	S8081-20D
Torque	10Nm	20Nm
Damper Area	2m ²	4m ²
Running Time	100sec	120sec
Power Supply	AC24V; DC24V; AC220/230V	
Frequency	50/60Hz	
Operating Power Consumption	2.5W (24V); 3.5W (220V/230V)	
Inactive Power Consumption	0.4W (24V); 1.2W (220V/230V)	
Wiring Size	6.5VA	
Weight	0.9kg	
Control Signal	2 point and 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



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