

EA700 Series Spring Return Damper Actuators

Designed for damper control within HVAC systems.



Torque:

3.5Nm, 5Nm, 10Nm, 15Nm, 20Nm

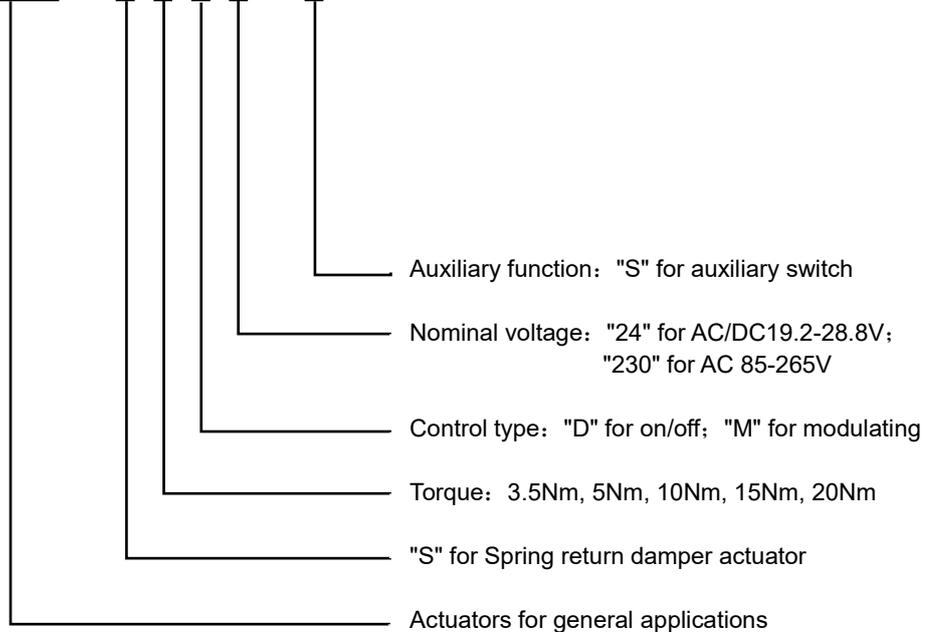
Nominal Voltage and Control Type:

AC/DC19.2-28.8V or AC85-265V, 2-point, D

AC/DC19.2-28.8V, 0-10V, M

Product Code Description:

EA700 - X X X X - X



EA700 Series Spring Return Damper Actuators

5Nm Model Selection Chart

Model	Torque	Running Time	Nominal Voltage	Auxiliary Function
EA700-S5D24	5Nm	Motor<70s; Spring Return<20s	AC/DC 24V	None
EA700-S5D230			AC 230V	
EA700-S5M24		Motor<120s; Spring Return<20s	AC/DC 24V	Auxiliary Switches
EA700-S5M24-S			AC/DC 24V	
EA700-S5D230-S		Motor<70s; Spring Return<20s	AC 230V	
EA700-S5D24-S			AC/DC 24V	



Technical Parameters

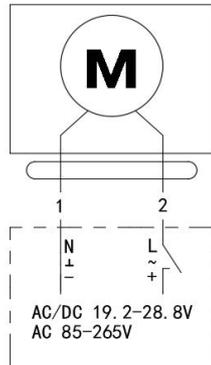
Model	EA700-S5D24	EA700-S5D230	EA700-S5M24
	EA700-S5D24-S	EA700-S5D230-S	EA700-S5M24-S
Electrical Parameters			
Nominal Voltage	AC/DC 24V 50/60Hz	AC 230V 50/60Hz	AC/DC 24V 50/60Hz
Voltage Range	AC/DC 19.2-28.8V	AC 85-265V	AC/DC 19.2-28.8V
Power	running	5W	
Consumption	holding	2.5W	
Cable Specification	On/Off Type: 1m cable 2*0.75mm ² ; Modulating Type: 1m cable 4*0.5mm ² ; Feedback Signal: 1m cable 6*0.5mm ²		
General Parameters			
Torque	5Nm		
Damper Size	1m ²		
Running Time	motor<70s; spring return<20s		motor<120s; spring return<20s
Control Type	2-point on/off		0-10V modulating
Rotation Angle	0~90° (93°max.)		
Rotation Direction	selectable by L/R mounting		
Position Feedback	available with 2 auxiliary switches		available with 1 auxiliary switch
Life Cycle	≥70000		
Noise Level	50dB and 62dB		
Working Environment			
Protection Class	II/III		
Protection Level	IP54		
Ambient Temperature	-30~+55°C		
Ambient Humidity	5~95%RH		
Storage Temperature	-40~+80°C		
Dimension/Weight/Other			
Shaft	 10-16mm; If the size of the damper shaft is small, use shaft spacer 2		
Weight	1.4Kg		
Certificate	CE、UL、UKCA、RoHS		

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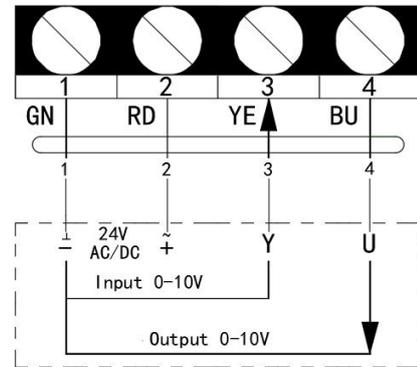
Wiring Diagram



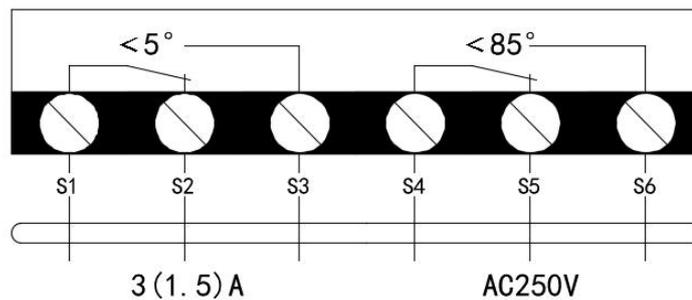
On/off



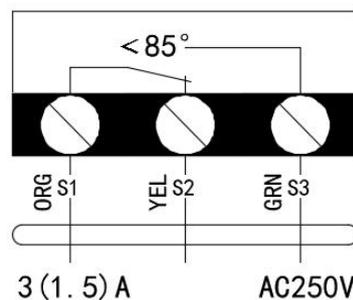
Modulating



Auxiliary Switch



EA700-S5M24-S Auxiliary Switch



1. The installation must be carried out by personnel who have received relevant training or relevant work experience. During the installation process, be careful not to operate with power on, and install the actuator according to the regulations.
2. The device contains electrical and electronic accessories, so it is prohibited to dispose of it as ordinary garbage after the product is scrapped. The disposal method should comply with the regulations and requirements of the local government.