

## EA700 Series Standard Damper Actuators

Designed for damper control within HVAC systems.



### Torque:

2Nm, 5Nm, 10Nm, 20Nm, 30Nm, 40Nm

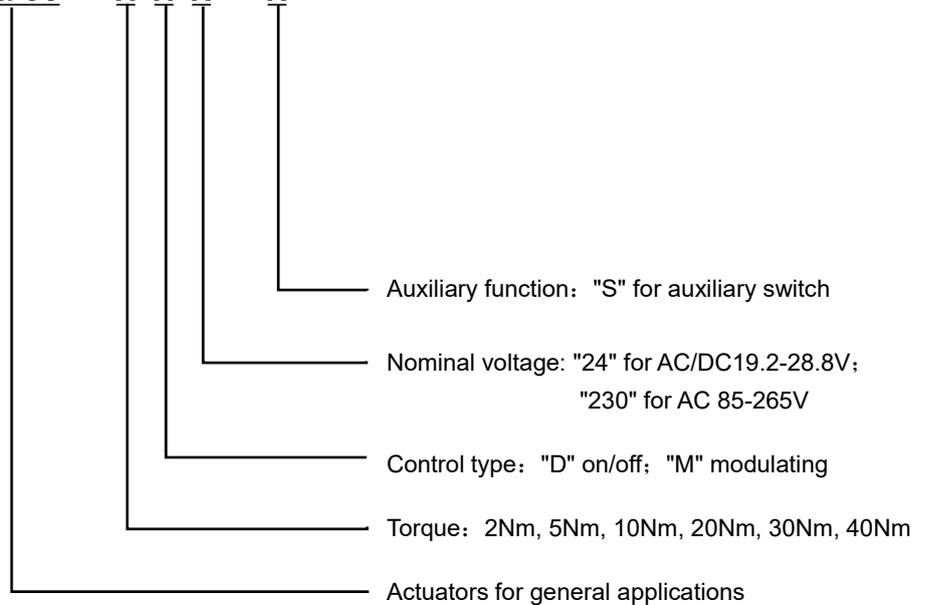
### Nominal Voltage and Control Type:

AC/DC19.2-28.8V or AC85-265V, 2-point/3-point, D

AC/DC19.2-28.8V, 0(2)-10V or 0(4)-20mA, M

### Product Code Description:

EA700 - X X X - X



## EA700 Series Standard Damper Actuators

### 2Nm Model Selection Chart

Model	Torque	Running Time	Nominal Voltage	Auxiliary Function
EA700-2D24	2Nm	35s	AC/DC 24V	None
EA700-2D230			AC 230V	
EA700-2M24			AC/DC 24V	
EA700-2D24-S			AC/DC 24V	Auxiliary Switches
EA700-2D230-S			AC 230V	
EA700-2M24-S			AC/DC 24V	



### Technical Parameters

Model	EA700-2D24	EA700-2D230	EA700-2M24
	EA700-2D24-S	EA700-2D230-S	EA700-2M24-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	1.5W	
Consumption	holding	0.7W	
Cable Specification	On/Off Type: 1m cable 3*0.75mm <sup>2</sup> ; Modulating Type: 1m cable 4*0.5mm <sup>2</sup> ; Feedback Signal: 1m cable 6*0.5mm <sup>2</sup>		

#### General Parameters

Torque	2Nm		
Damper Size	0.5m <sup>2</sup>		
Running Time	35s		
Control Type	2-point/3-point		0(2)-10V or 0(4)-20mA
Rotation Angle	0~90° (93°max.)		
Rotation Direction	L/R switch		
Position Feedback	available with 2 auxiliary switches		
Life Cycle	≥70000		
Noise Level	45dB		

#### Working Environment

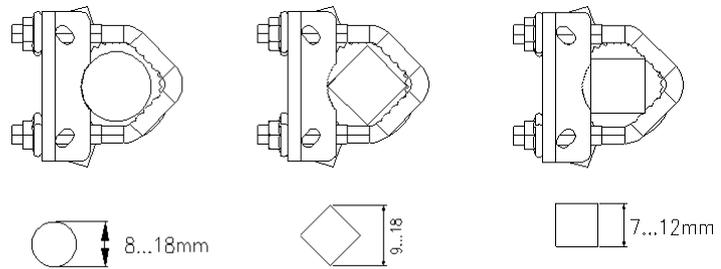
Protection Class	II /III		
Protection Level	IP54		
Ambient Temperature	-30~+50°C		
Ambient Humidity	5~95%RH		
Storage Temperature	-40~+80°C		

#### Dimension/Weight/Other

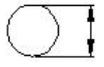
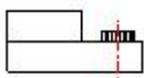
Shaft		8-18mm
Weight	0.5Kg	
Certificate	CE、UL、UKCA、RoHS	

## EA700 Series Standard Damper Actuators

### EA700-2/5 Shaft Dimensions



Unit: mm

Throttle Axis	Length			
	$\geq 40$	8...18	$\geq 7$	$\leq 18$

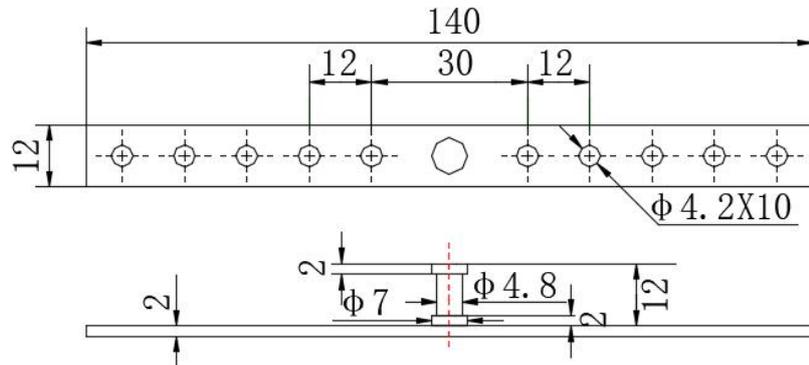
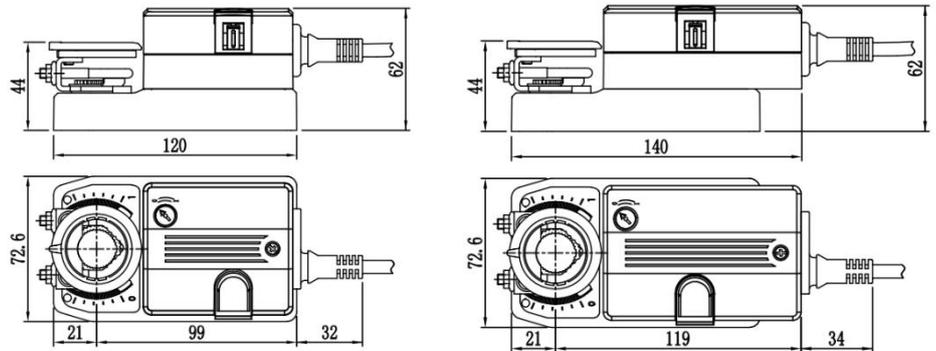
### EA700-2/5 Shape and Mounting Dimensions (mm)

EA700-2/5D24

EA700-2/5M24-S EA700-2/5D230-S

EA700-2/5M24

EA700-2/5D24-S EA700-2/5D230

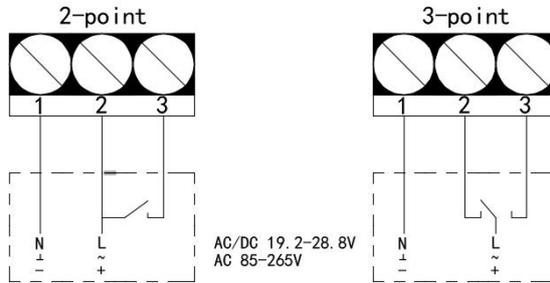


## EA700 Series Damper Actuators Installation Diagram

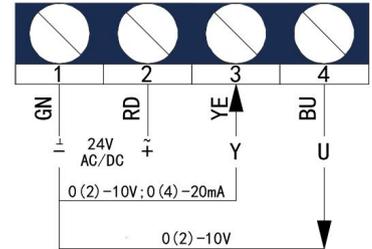
### Wiring Diagram



ON/OFF

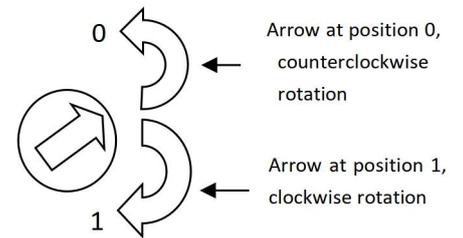
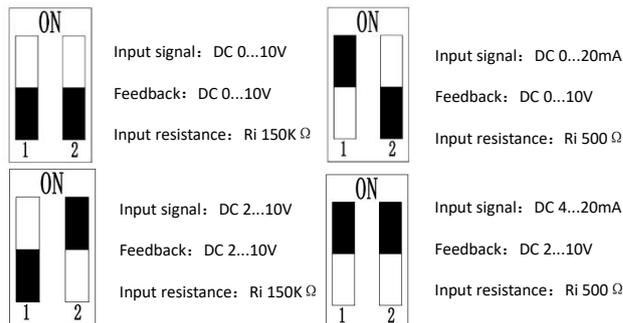


MODULATING



### Control signal and Input resistance

According to on-site needs, the position of the SW1 dial switch in the circuit board can be adjusted to achieve the conversion of control signals and feedback signals, as shown in the following figure.



### Auxiliary Switch Description

