

Beatech
Change For The Better



STANDARD CONTROL DAMPER ACTUATOR



BEA...(S)20Q SERIES

FAST RUNNING DAMPER ACTUATOR
2 Point & 3 Point Control

BEA24-20Q
BEA24S-20Q
BEA230-20Q
BEA230S-20Q

- Torque: 20Nm
- Running time: <20S (90°)
- Nominal voltage: AC/DC 24V/ AC 230V
- Control: ON/OFF, 2/3-Point
- Model with "S" type contains 2 auxiliary switches

20Nm

BEA...(S)20Q SERIES

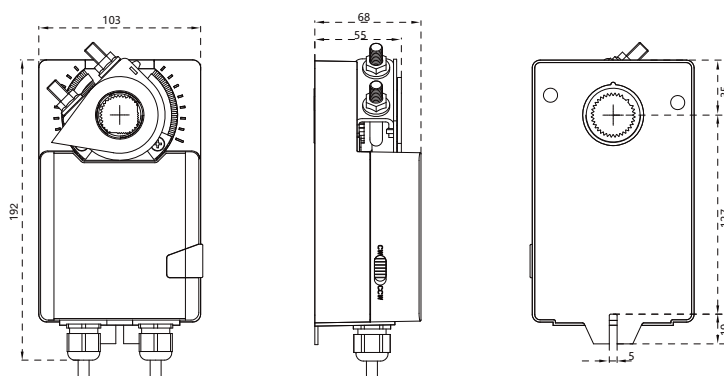
FAST RUNNING DAMPER ACTUATOR

2 Point & 3 Point Control

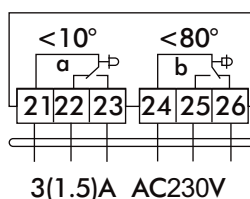
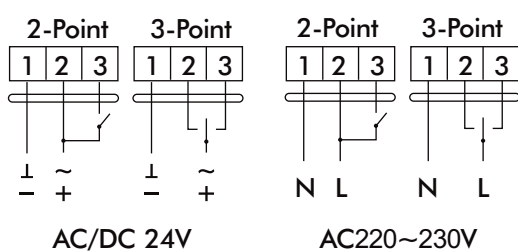
Technical specification

	BEA24-20Q/BEA24S-20Q	BEA230-20Q/BEA230S-20Q
Electrical data		
Nominal voltage	AC/DC 24V 50/60Hz	AC 230V 50/60Hz
Nominal voltage range	AC/DC 19.2...28.8V	AC85...265V
Power consumption	4.5W@Nominal torque / 0.5W@holding	4.5W@Nominal torque / 0.5W@holding
Transformer capacity	10VA	
Wire sizing	0.5mm²	
Function data		
Damper size	4m²	
Direction of rotation	Manual regulation	
Manual override	Gearing latch disengaged by pushbutton, self-resetting	
Angle of rotation	Max90	
Sound power level	45dB	
Position indication	Mechanical	
Working Conditions		
Protection class	Ⅲ (safety low voltage)	Ⅱ (totally insulated)
Protection level	IP54	
Ambient temperature	-20...+50°C /IEC 721-3-3	
Inventory temperature	-30...+80°C /IEC 721-3-2	
Humidity test	95%RH, non condensing / EN 60730-1	
Dimensions / Weight		
Dimensions(L×W×H)	See” Dimensions”	
Shaft length	>60mm	
Shaft diameter	φ10...φ23mm ○10X10...17X17 □	
Weight	< 1.4kg	

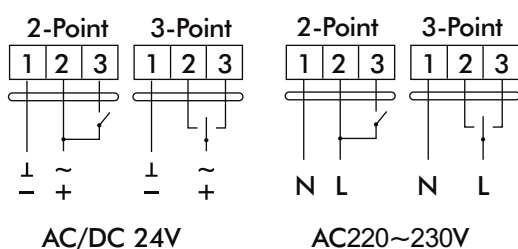
Actuator Dimensions



On-Off Wiring Diagram

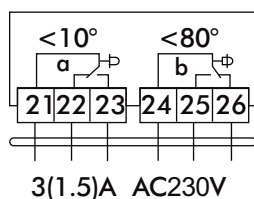
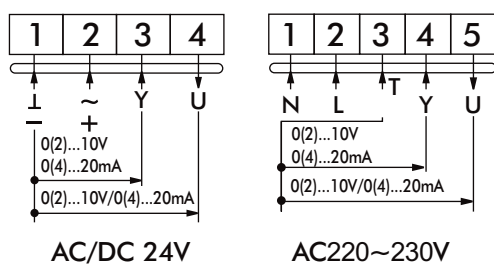


Applies to:	Standard	Fast
24V	BEA24S-5	BEA24S-5Q
	BEA24S-10	BEA24S-10Q
	BEA24S-20	BEA24S-20Q
	BEA24S-40	BEA24S-40Q
230V	BEA230S-5	BEA230S-5Q
	BEA230S-10	BEA230S-10Q
	BEA230S-20	BEA230S-20Q
	BEA230S-40	BEA230S-40Q

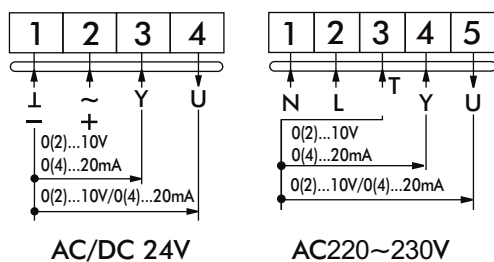


Applies to:	Standard	Fast
24V	BEA24-5	BEA24-5Q
	BEA24-10	BEA24-10Q
	BEA24-20	BEA24-20Q
	BEA24-40	BEA24-40Q
230V	BEA230-5	BEA230-5Q
	BEA230-10	BEA230-10Q
	BEA230-20	BEA230-20Q
	BEA230-40	BEA230-40Q

Modulating Wiring Diagram



Applies to:	Standard	Fast
24V	BEAM24S-5	BEAM24S-5Q
	BEAM24S-10	BEAM24S-10Q
	BEAM24S-20	BEAM24S-20Q
	BEAM24S-40	BEAM24S-40Q
230V	BEAM230S-5	BEAM230S-5Q
	BEAM230S-10	BEAM230S-10Q
	BEAM230S-20	BEAM230S-20Q
	BEAM230S-40	BEAM230S-40Q



Applies to:	Standard	Fast
24V	BEAM24-5	BEAM24-5Q
	BEAM24-10	BEAM24-10Q
	BEAM24-20	BEAM24-20Q
	BEAM24-40	BEAM24-40Q
230V	BEAM230-5	BEAM230-5Q
	BEAM230-10	BEAM230-10Q
	BEAM230-20	BEAM230-20Q
	BEAM230-40	BEAM230-40Q

Installation Manual

