

Product Overview

The AX-RAS-20D Spring Return On/Off damper actuators are designed for dampers in ventilation and air-conditioning systems. These 24Vac/dc & 230Vac operated actuators comes with 2 optional auxiliary SPDT switches.

The 20Nm spring return damper actuator AX-RAS-20D with control of On/Off Signals are used to regulate dampers up to approximately 4m².



Products Features

- Maximum shaft size $\phi 16\text{mm}$ (circular).
- Manual Override Option.
- Single line control.
- CE Compliant.

Product Specifications

Torque:	20Nm
Damper size:	4m ²
Running time:	Running: 180Sec, Spring Reset: 30Sec
Power supply:	AC/DC 24V 50/60Hz OR AC 100-240V 50/60Hz
Nominal voltage range:	24Vac (AC/DC 19.2V-28.8V), 230Vac (AC 85V-265V)
Power consumption:	Runtime: 10W, Holding: 3W
Angle of rotation:	95° Max, (Mechanical Adjustment Option)
Life cycle:	60,000 cycles
Control Signals:	On/Off
Auxiliary switch:	2x SPDT (optional)
Auxiliary switch rating:	3(1.5)Amp, 230V
Sound power level, motor:	45dB
Ingress protection:	IP54
Ambient temperature:	-20°C to 50°C
Storage temperature:	-30°C to 80°C
Humidity Test:	95 % RH (Non Condensing)
Unit Weight:	2.6 Kg
Shaft Length:	>90mm
Compliance:	CE
Country Of Origin:	UK

Order Codes

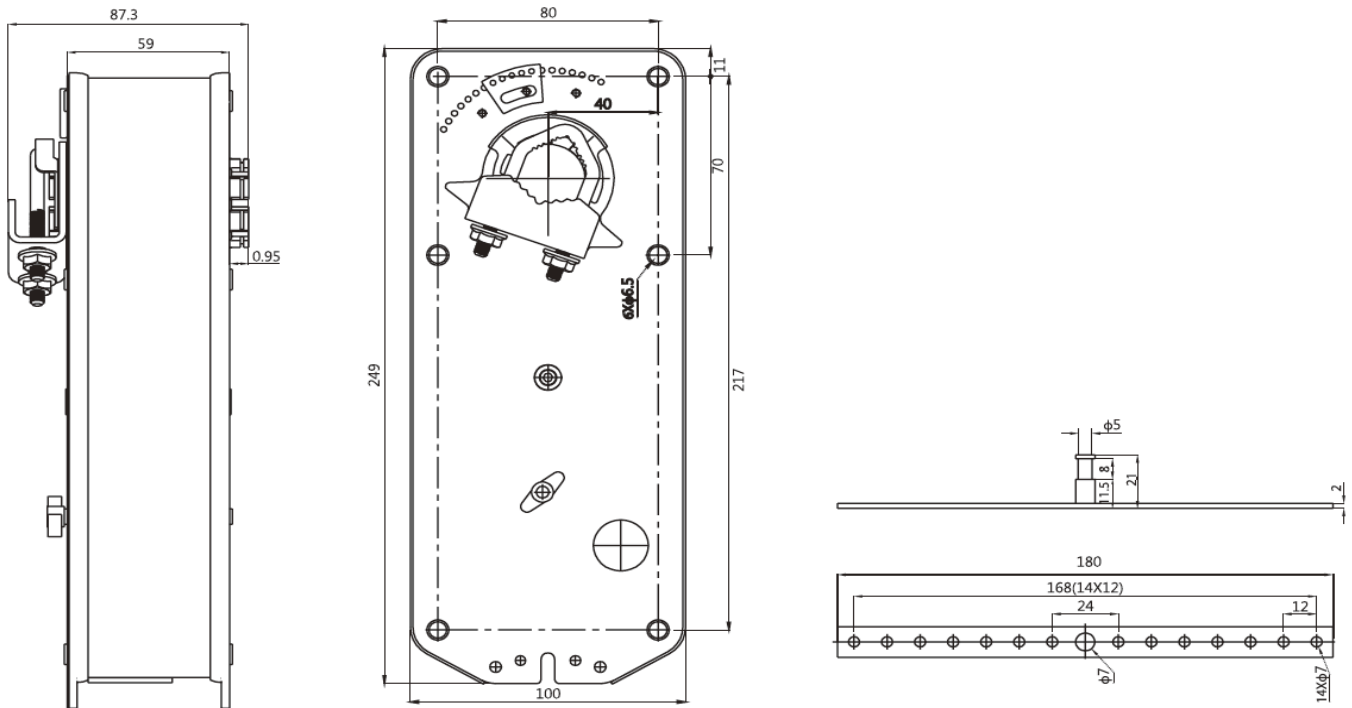
Part Number	Description
AX-RAS-20D	Damper Actuator Spring Return, On/Off, 20Nm
AX-RAS-20DS	Damper Actuator Spring Return, On/Off, 24V, 20Nm, 2 Aux Switches
	* Add suffix “-230” for 230Vac versions

AX-RAS-20D

Damper Actuator, Spring Return, On/Off, 20Nm

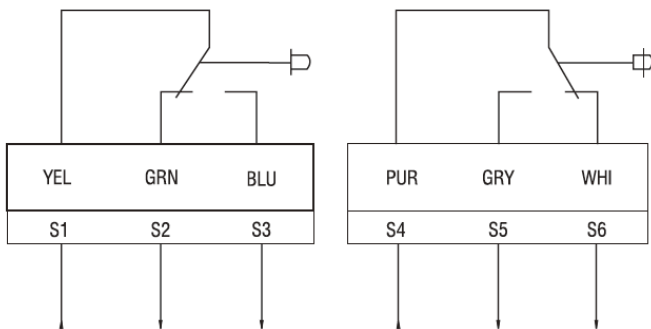


Dimensions (mm)

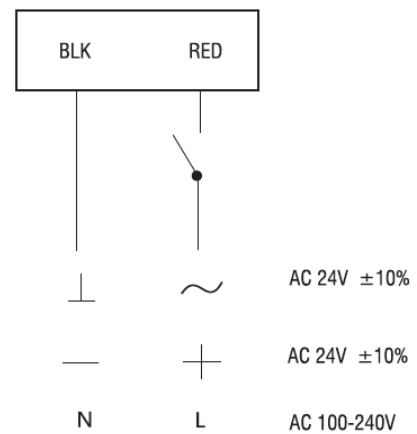


Auxiliary Switch

Wiring Diagram



Resistance load 3A, 230V
Inductive load 1.5A, 230V



Datasheet Contents

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