



RA24 24D

Features

- Torque 24 Nm
- For regulate dampers up to approx. 6.0 m²
- Power supply
24 Vac/dc for RA24 24D and RA24 24D S2
220 Vac for RA24 220D and RA24 220D S2
- Control signal on/off or 3-point
- Auxiliary switches on RA24 24D S2 and RA24 220D S2
- Running time 125 seconds
- Position indicator
- Direction of rotation changeable via wiring diagram
- Manual override by push button

Description

VCP non-spring return damper actuators are suitable for many applications including motorised control of dampers in ventilation systems such Building Automation Systems (BAS), Building Management Systems (BMS) or Heating, Ventilation, and Air Conditioning (HVAC) environments.

Solutions for VCP non-spring return damper actuators are ideal for control dampers, air handlers, economizer units, VAV terminal units, fan coil units, fan shutters, and unit ventilators.

VCP non-spring return damper actuators to be direct mount on standard damper shafts to control dampers.

The RA24 24D and RA24 220D non-spring return damper actuators with torque 24 Nm and with control signal on/off (two-position) or 3-point (3-point floating / tri-state) are used to regulate dampers up to approx. 6.0 m².

Auxiliary switches equipped on the non-spring return damper actuators types RA24 24D S2 and RA24 220D S2.

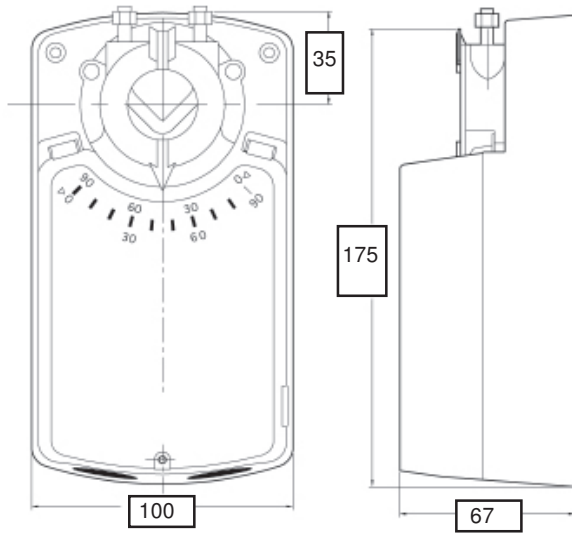
Ordering

Type no.	Description
RA24 24D	Damper actuator, 24 Nm, 24 Vac/dc, with on/off or 3-point control signal
RA24 220D	Damper actuator, 24 Nm, 220 Vac, with on/off or 3-point control signal
RA24 24D S2	Damper actuator, 24 Nm, 24 Vac/dc, with on/off or 3-point control signal, auxiliary switches
RA24 220D S2	Damper actuator, 24 Nm, 220 Vac, with on/off or 3-point control signal, auxiliary switches

Technical data

Torque	24 Nm
Control signal	on/off or 3-point
Power supply	24 Vac/dc +/-10% for RA24 24D and RA24 24D S2 220 Vac +/-10% for RA24 220D and RA24 220D S2
Auxiliary switch rating	3 (1.5) Amp. 230 V for RA4 24D S2 and RA4 220D S2
Frequency	50/60 Hz
Running time	125 seconds
Power consumptions	
- Operating	3.9 W (24V), 4.8W (220V)
- At the end stops	0.4W (24V), 1.2W (220V)
Rotation angle	0-90°
Limit angle	5 to 85° (5° increment)
Life cycle	60.000 cycles
Noise level	45dB(A)
Protection class	□
Protection	IP 44
Ambient temp.	-20 to +50°C
Ambient humidity	5 to 95% rH
Storage	-40 to +70°C
Weight	1300 g
Approval	CE certificate

Dimensions in mm

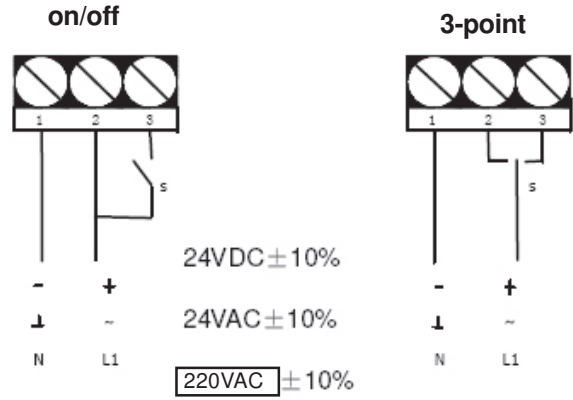


Max size for round shaft is 20 mm in diameter.

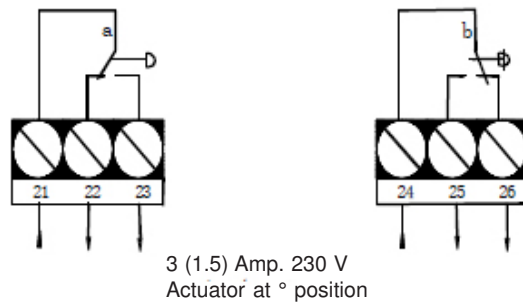
Max size for square shaft is 16x16 mm.

Anti-rotation bracket provided for stability.

Wiring



Auxiliary switches



We reserve the right to make changes in our products without any notice which may effect the accuracy of the information contained in this leaflet.