

HSA24-3P, 3-point electric actuator for damper control.**HSA24-3P****APPLICATION**

Electric actuator for fume hood dampers, fume bench dampers and flow balanced systems.

DESIGN

HSA24-3P is a very fast 3-point controlled actuator with a 24 VAC synchronous motor and the running time for 90 deg is 1,5 sec.

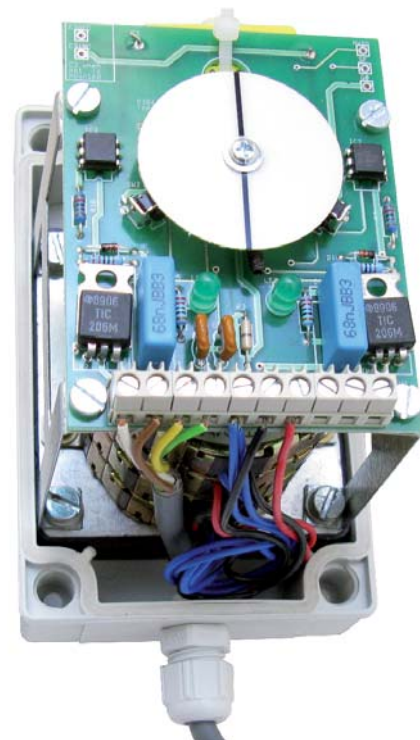
The built-in triac control for open and close pulses is activated by the fume hood controller FHC or flow balance controller RFC.

Two green LED's are indicating the increase/ decrease signals and the opening angel by a mechanical position indicator.

HSA24-3P can only be connected to our controllers and is always delivered mounted together with our dampers and tested for highest performance

HSA24-3P have a one meter cable factory mounted for connection to the controller

There is no settings inside the actuator that has to be done and the opening angle is always 90 deg



TECHNICAL DATA:

Torque: 3 Nm

Max damper size: 400 mm (Micatrone dampers)

Rotation speed: 1,5 sec 90 deg

Supply voltage: 24 VAC, 10 VA

Inc/Dec signals: 0/10 VDC (3-point control)

Connection cable : 1 meter, 4 cables colour marked

Height above damper: 160 mm

Width: 80 mm

Length: 130 mm

Degree of protection: IP 54

Enclosure: ABS Plastic

Weight: 1100 grams (damper not included)

MAINTENANCE:

No maintenance needed for the actuator.

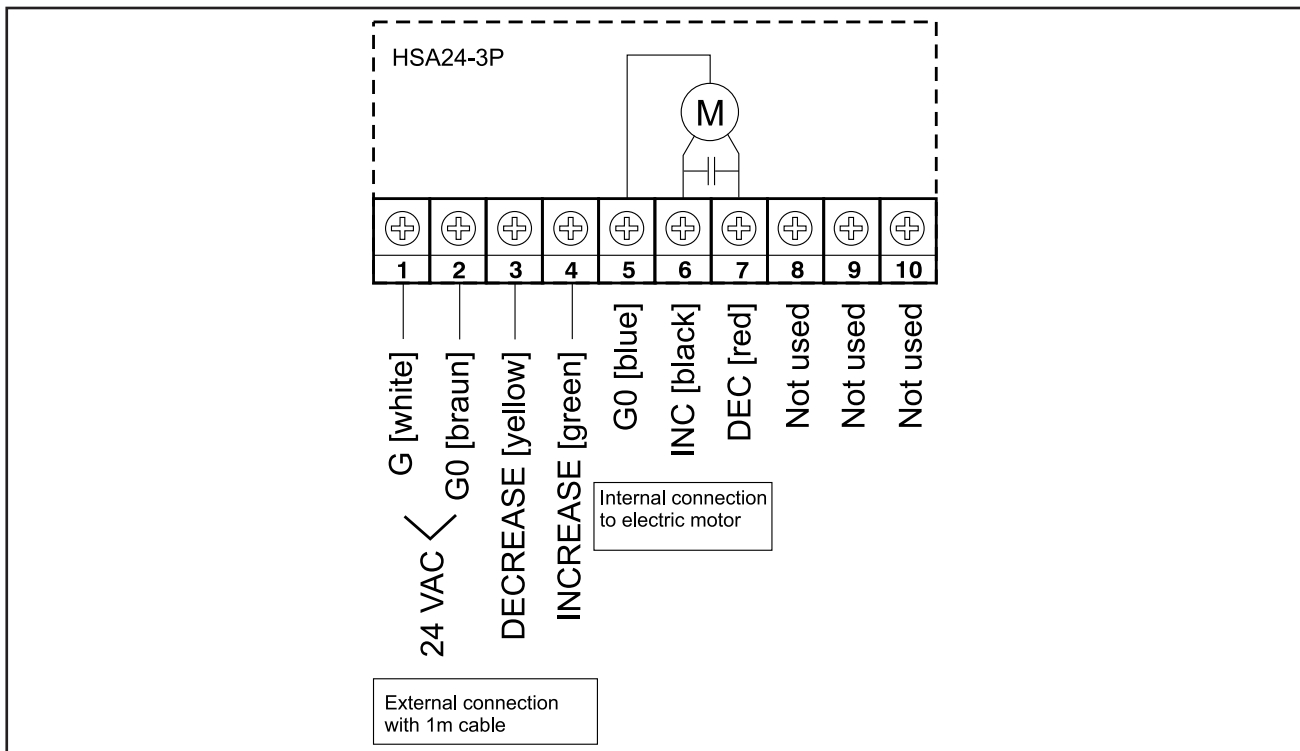
EMC/LVD:

Applied EU directives:

- EMC SS-EN 61000-6-3:2007 + A1:2011
SS-EN 61000-6-2:2005 + C1:2005

- LVD SS-EN 61010-1:2010

Electrical connection:



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