



DAMPER ACTUATORS, 2-, 3-POINT CONTROL (8, 16, 24 Nm)

DAS, DA, DAL

FUNCTION

2- and 3-point damper control.

APPLICATIONS

Well-suited for applications with dampers (2, 4, 6 m²) in ventilation and air handling units.

CHARACTERISTICS

- universal adapter for easy mounting
- shaft dimensions Ø 10...20 mm / 10...16 mm square
- minimum shaft length 50 mm
- anti-rotation bracket
- manual override with push-button
- direction of rotation selectable
- angle of rotation adjustable
- parallel connection up to 10 actuators
- 2 auxiliary microswitches SPDT when requested
- power saving at end stops

TYPE	POWER SUPPLY	TORQUE
DAS24	24 Vac/dc	8 Nm
DAS24S	24 Vac/dc	8 Nm
DAS230	230 Vac	8 Nm
DAS230S	230 Vac	8 Nm
DA24	24 Vac/dc	16 Nm
DA24S	24 Vac/dc	16 Nm
DA230	230 Vac	16 Nm
DA230S	230 Vac	16 Nm
DAL24	24 Vac/dc	24 Nm
DAL24S	24 Vac/dc	24 Nm
DAL230	230 Vac	24 Nm
DAL230S	230 Vac	24 Nm

S models with 2 auxiliary switches

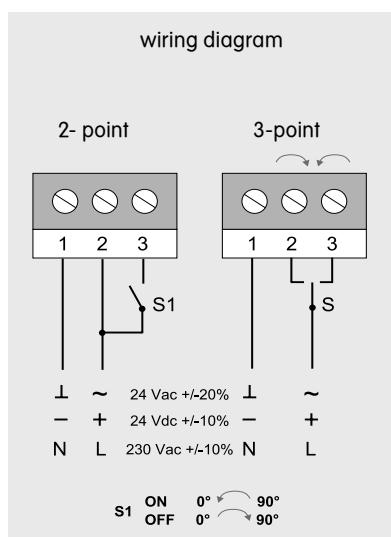
Actuator	DAS24	DA24	DAL24	DAS230	DA230	DAL230
Damper area (*)	m ²	2	4	6	2	4
Torque	Nm	8	16	24	8	16
Stroke time	s	30	80	125	30	80
Power supply	24 Vac/dc	24 Vac/dc	24 Vac/dc	230 Vac	230 Vac	230 Vac
Frequency	Hz	50...60	50...60	50...60	50...60	50...60
Power consumption						
- operating	W	3.9	3.9	3.9	4.8	4.8
- at end stops	W	0.4	0.4	0.4	1.2	1.2
For wire sizing	VA	6.5	6.5	6.5	6.5	6.5
Weight	g	1200	1200	1200	1200	1200
Signal control	2-, 3-point	2-, 3-point	2-, 3-point	2-, 3-point	2-, 3-point	2-, 3-point
Aux. switches rating				3(1.5) A 230 Vac		
Rotation angle						
- operating				90° (93° mechanical)		
- limitation				5...85° in 5° steps		
Protection class	II	II	II	II	II	II
Degree of protection				IP44 or IP54 with cable glands		
Room temperature	-20 ... +50°C	-20 ... +50°C	-20 ... +50°C	-20 ... +50°C	-20 ... +50°C	-20 ... +50°C
Room humidity	5...95% r.h.	5...95% r.h.	5...95% r.h.	5...95% r.h.	5...95% r.h.	5...95% r.h.
Noise level				max 45 dB		
Standards	CE	CE	CE	CE	CE	CE

(*) the indication of the damper area is not significant, the data that must be taken into account is the value of the torque in Nm.



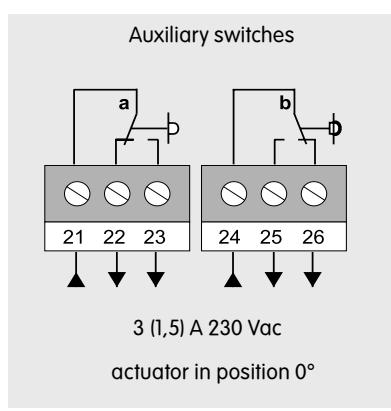
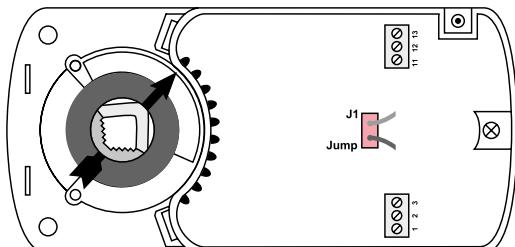
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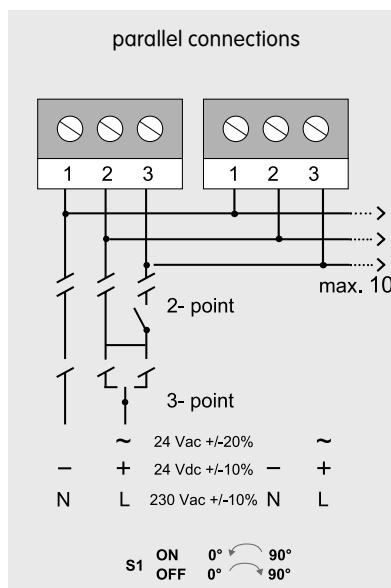
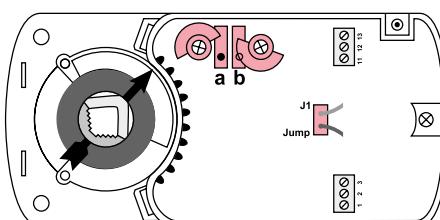
Direction of rotation setting

The direction of rotation can be changed by reversing Jumper J1.

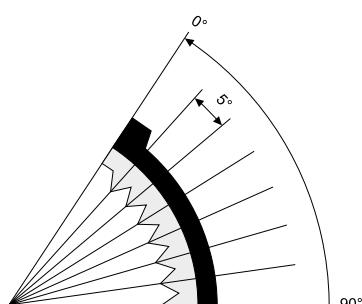


Auxiliary switches setting

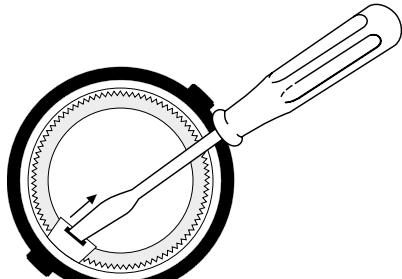
Factory setting:
switch a at 10°
switch b at 80°
The switching position can be changed manually.



Limitation of rotation angle



Adapter release



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DIMENSIONS (mm)

