

DA4/8 – Damper actuator

DA4 and DA8 Version A01

Introduction DA4 and DA8

Damper actuator DA4 and DA8 is intended for mounting on Lindinvent's dampers for duct airflow or pressure control.

Function

DA4/8 controls via a control signal from the connected controller.

Lindinvent's controllers can be easily mounted, without tools, to either long side of the motor cover.

Ordering information

DA4/8 can be ordered with 0.25 cable with connector or 3.0 metre cable without connector.

Motor size: DA4 or DA8

DA4 for circular dampers

DA4 is used with Lindinvent's circular dampers SPMF and SPM.

DA8 for bigger rectangular dampers

DA8 is used with Lindinvent's bigger rectangular damper JSPM according to table1 below. DA8 is also used with the rectangular damper JSPM 700x700 with circular connection Ø630.

W/H	200	300	400	500	600	700	800	1000
200	DA4	DA4	DA4					
300	DA4	DA4	DA4					
400	DA4	DA4	DA4					
500	DA4	DA4	DA4	DA4				
600	DA4	DA8	DA8	DA8	DA8			
700	DA4	DA8	DA8	DA8	DA8	DA8		
800	DA4	DA8	DA8	DA8	DA8	DA8	DA8	
1000	DA4	DA8	DA8	DA8	DA8	DA8	DA8	DA8
1200		DA8	DA8	DA8	DA8	DA8	DA8	DA8
1400		DA8	DA8	DA8	DA8	DA8	DA8	DA8
1600			DA8	DA8	DA8	DA8	DA8	DA8

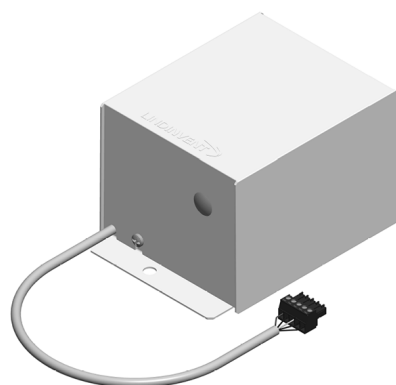
Tabell 1: Standard sizes for the rectangular damper JSPM with it's designated actuator DA4 or DA8.

Mode of operation

Both actuators are normally delivered with it's DIP-switch settings at "NORMAL", as shown bellow . DA4 is set to "DRAGSKÅP" when installed with Fume capboard controller FCL. DA8 can be switched to "ANPASSAD" to be operated at a lower torque rating.

DA4: DIP-switch inställning <small>Motor avsedd för spjäll med yttermått t.o.m. 500mm</small> NORMAL DRAGSKÅP <small>DA4_IM01A_10</small>	DA8: DIP-switch inställning <small>Motor avsedd för spjäll med yttermått > 500mm</small> NORMAL ANPASSAD <small>(Lägre vridmoment)</small> <small>DA8_IM01A_10</small>
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DA4 och DA8 DIP-switch settings from labels used on the units.



DA4 with pre-mounted connectors. Damper actuator for Lindinvent's controllers.

Technical specifications

General

Dimension

DA4: 140 x 97 x 80 mm (LxWxH)

DA8: 140 x 130 x 80 mm (LxWxH)

Material

Gearbox in metal

DA4: Thermoplastic encapsulation (PS)

DA8: Powder-coated steel plate encapsulation

Weight

DA4: Net weight 0.7 kg (0.25 m cable with connector)

DA8: Net weight 1.4 kg (0.25 m cable with connector)

Colour

RAL 9003

IP class

Encapsulation complies with IP42

Electrical system

Supply voltage

24 VAC

Capacity

DA4: 2.3 VA (max 12 VA)

DA8: 2.3 VA (max 17 VA)

CE marking

Complies with EMC and the Low Voltage Directive

Performance

DA4: Running time 0-90° 6.5 s

DA8: Running time 0-90° 6.5 s

Input and output signals

Input signals

1 x 0-10 VDC control signal

Output signals









1 x 0-10 VDC feedback signal

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Additional product documentation DA4/8

Table 1: Additional documentation for DA4/8 is available via the product's website under Products at www.lindinvent.se

Document	Available	Not available	Comments
Installation Instruction			
Start-up instruction			See start-up instruction for connected controller
Maintenance instruction			Regarded as maintenance-free
External connection diagram			Cable with connector for terminal block on controller.
Environmental product declaration			Assessed by Byggsvarubedömningen
User information			Not applicable
Modbus list			Not applicable
AMA text			See corresponding controller