

Damper actuator for operating air control dampers in ventilation and air-conditioning systems for building services installations

- For air control dampers up to approx. 8m²
- Torque 40Nm
- Nominal voltage AC/DC 24V
- Control: Open-close
(not made for 3-point applications)



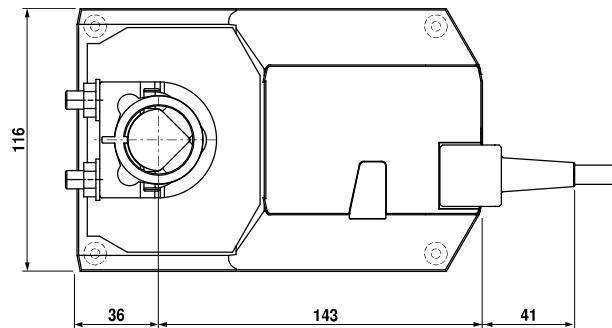
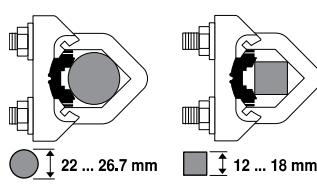
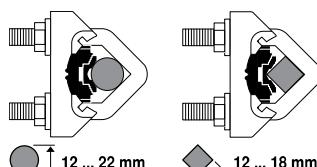
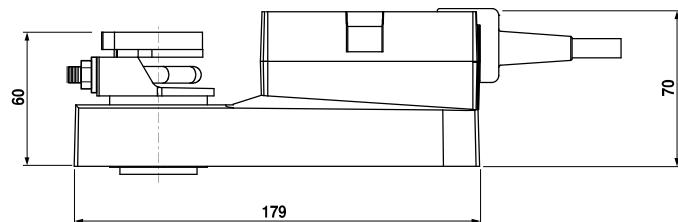
Technical data

Electrical data	Nominal voltage	AC 24V, 50/60Hz DC 24V
	Nominal voltage range	AC/DC 19.2...28.8V
Power consumption	In operation At rest For wire sizing	4W @ nominal torque 2W 6VA
	Connection	Cable 1m, 3 x 0.75mm ²
Functional data	Torque (nominal torque)	Min. 40Nm @ nominal voltage
	Direction of rotation	Reversible with switch 0 ↗ or 1 ↘
	Manual override	Gearing latch disengaged with pushbutton, detentable
	Angle of rotation	Max. 95°↗, limited on both sides by means of adjustable, mechanical end stops
	Running time	150s / 90°↗
	Sound power level	Max. 45dB(A)
	Position indication	Mechanical, pluggable
Safety	Protection class	III Safety extra-low voltage
	Degree of protection	IP54 in any mounting position
	EMC	CE according to 2014/30/EU
	Mode of operation	Type 1 (EN 60730-1)
	Rated impulse voltage	0.8kV (EN 60730-1)
	Control pollution degree	3 (EN 60730-1)
	Ambient temperature range	-30...+50°C
	Non-operating temperature	-40...+80°C
	Ambient humidity range	95% r.H., non-condensating (EN 60730-1)
	Maintenance	Maintenance-free
Dimensions / Weight	Dimensions	See «Dimensions»
	Weight	Approx. 1.7kg

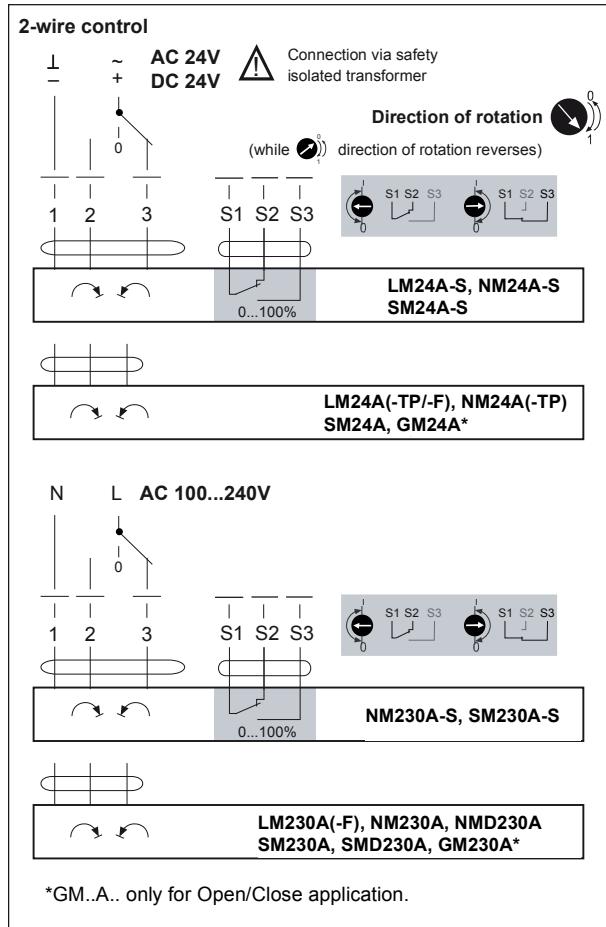
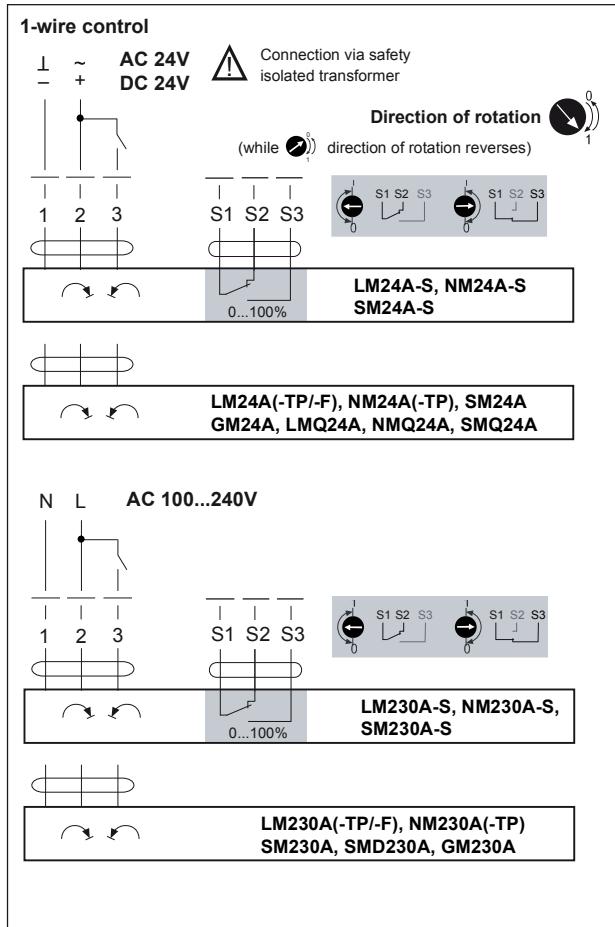
Dimensions [mm]

Dimensional drawings

Damper spindle	Length	Ø I	□ I	◊ I
	> 52	12...26.7	> 12	< 25.2
	> 20	12...26.7	> 12	< 25.2

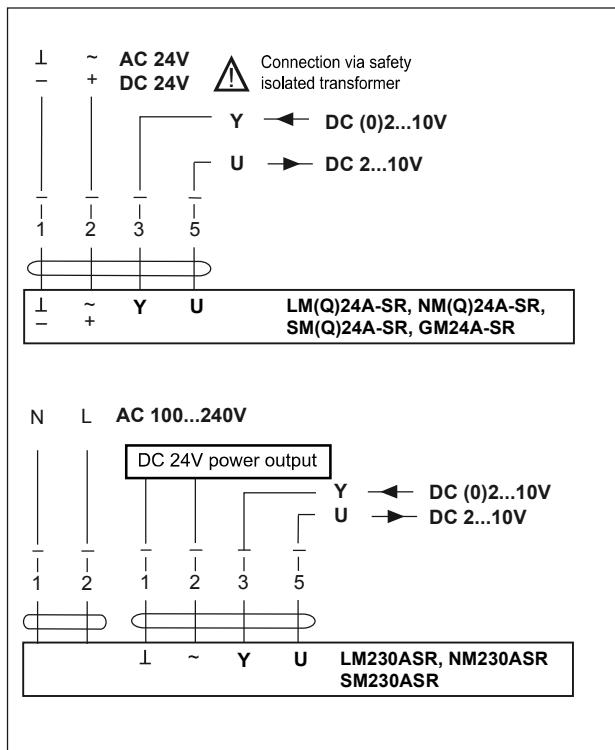


Wiring diagrams: Open/Close actuators – parallel connection possible, please note the performance data

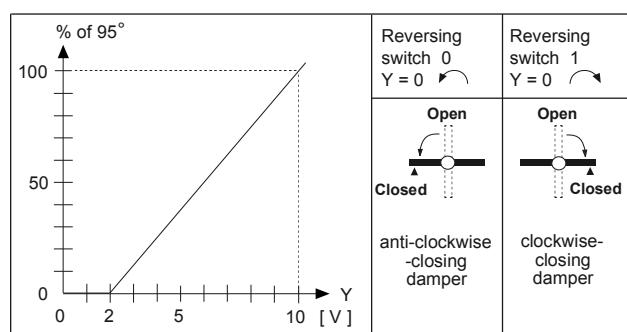


*GM..A.. only for Open/Close application.

Wiring diagrams: Modulating actuators – parallel connection possible, please note the performance data



Position - signal voltage



Direction of rotation