



Dampers up to approx. 0.8 m²
Open/Close actuator (AC 100 V)
Control by single-pole contact (single-wire control)

Application

The type LM100-F is intended for the operation of air control dampers in ventilation and air-conditioning systems

Mode of operation

Open/Close control by single-wire system.

Product features

Simple mounting

The actuator, with its hollow shaft, is placed over the 8 mm square spindle of the damper and secured by two screws.

Manual operation by self-resetting pushbutton when necessary (the gearing is disengaged while the pushbutton is held depressed).

Adjustable angle of rotation with mechanical stops.

High functional reliability

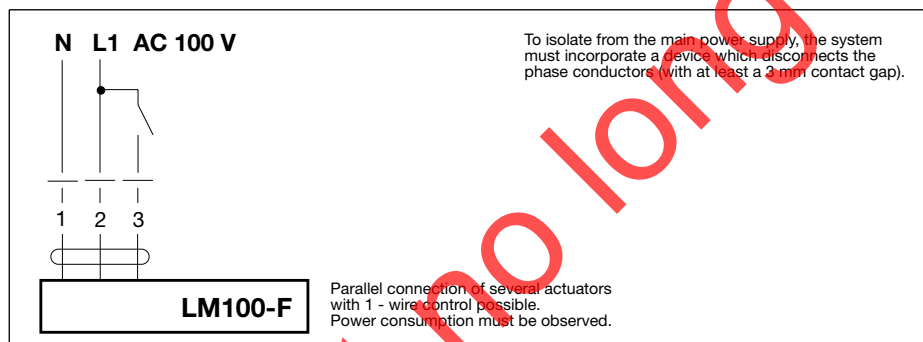
The actuator is overload-proof, needs no limit switches and halts automatically at the end stops.

Mounting instructions, page 9

Important

Read the notes about the use and torque requirements of the damper actuators on page 2.

Wiring diagram



Technical data	LM100-F
Nominal voltage	AC 100 V 50/60Hz
For wiring sizing	6 VA
Power consumption	1 W
Connecting cable	1 m long, 3 x 0.75mm ²
Direction of rotation	selected with L / R switch
Manual operation	pushbutton, self-resetting
Torque	min. 4 Nm (at rated voltage)
Angle of rotation	max. 95° (adjustable by mechanical stops)
Damper rotation	8 mm form-fit
Running time	80...110 s (0...4 Nm)
Sound power level	max. 35 dB(A)
Position indication	mechanical with pointer
Protection class	II (all insulated)
Degree of protection	IP 54 (cable entry down)
Ambient temperature range	- 30...+ 50 °C
Non-operating temperature	- 40...+ 80 °C
Humidity test	to EN 60335-1
EMC	CE according to 89/336/EEC and 92/31/EEC
Maintenance	maintenance free
Weight	610 g

Subject to technical changes / 12.98

Dimensions

