

L-ACT101-MP, L-ACT102-MP

Datasheet #89068220



The L-ACT are communicative actuators for adjusting dampers in building installations.

Features

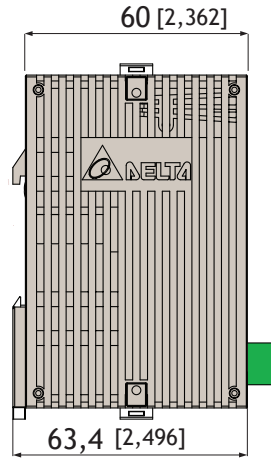
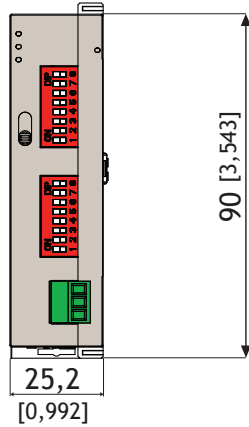
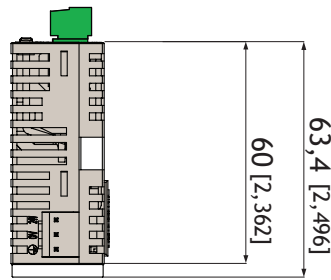
- Air damper size up to approximately 1 m², 10.76 ft²
- Torque motor 5 Nm, 45in-lb
- Nominal voltage AC/DC 24 V
- Communication via Belimo MP-Bus

Specifications

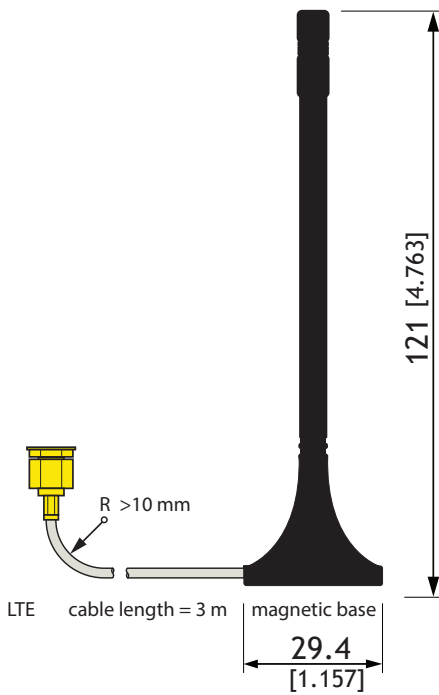
Type	L-ACT101-MP	L-ACT102-MP
Dimensions	116 x 66 x 63 mm, 4.567 x 2.598 x 2.480 inches (L x W x H), DIM061	
Shaft diameter (inches)	5/8"	3/4"
Operating conditions	5 to 95% RH, noncondensing	
Power supply	24 VAC ± 20% 50/60 Hz, 24 VDC ± 10%	
Power consumption in operation	1.5 W	
Power consumption in rest position	1.3 W	
Power consumption for wire sizing	2 VA	
Connection supply / control	Connector Plug	
Parallel operation	Yes (note the performance data)	
Torque motor	5 Nm, 45in-lb	
Communicative control	MP-Bus	
Position accuracy	±5%	
Direction of motion note	ccw rotation	
Manual override	With push-button, can be locked	
Angle of rotation	Max. 95°	
Angle of rotation note	Can be limited on both sides with adjustable mechanical end stops	
Running time motor	90 s / 90°	
Adaption setting range	Manual	
Sound power level, motor	35 dB(A)	
Protection class IEC/EN	III Safety Extra-Low Voltage (SELV)	
Protection class UL	UL Class 2 Supply	
Degree of protection IEC/EN	IP20	
Degree of protection NEMA/UL	NEMA 1	
Enclosure	UL Enclosure Type 1	
EMC	CE according to 2014/30/EU	
Certification IEC/EN	IEC/EN 60730-1 and IEC/EN 60730-2-14	
Certification UL	cURus according to UL60730-1A, UL60730-2-14 and CAN/CSA E60730-1:02	
Mode of operation	Type 1	
Rated impulse voltage supply / control	0.8 kV	
Control pollution degree	3	
Ambient temperature	-30 °C to +50 °C, -22 °F to +122 °F	
Storage temperature	-40 °C to +80 °C, -40 °F to +176 °F	
Order number	Product description	
L-ACT101-MP	Actuator 5/8", 5 Nm, 45in-lb, MP-Bus cable	
L-ACT102-MP	Actuator 3/4", 5 Nm, 45in-lb, MP-Bus cable	

Dimensions of the devices in mm and [inch]

DIM059 RTU-485



DIM060 LTE Antenna 700 - 2600 MHz



DIM061 L-ACT101-MP
L-ACT102-MP

