



- For operation of air control dampers in HVAC system
- Torque: 20Nm
- Nominal voltage: AC/DC 24V
- Control: Open/Close or 3-point

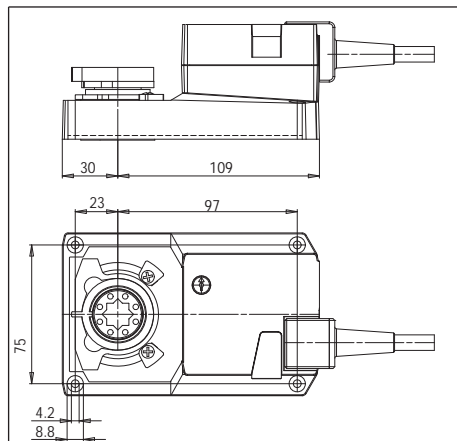


Technical data

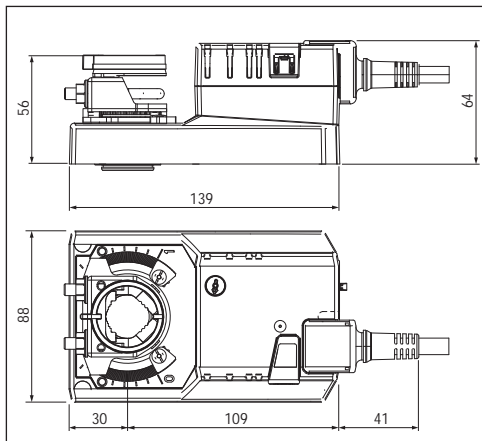
Electrical data	Nominal voltage	AC 24V 50/60Hz, DC 24V
	Nominal voltage range	AC/DC 19.2...28.8V
	Power consumption	2W @ running / 0.2W @ holding
	Wire/transformer sizing	4VA
	Auxiliary switch SMU24-S	1 SPDT, 1mA...3(0.5)A, AC 250V  , adjustable
	Connection : Motor	Cable 1m, 3x0.75mm ²
Functional data	Auxiliary switch SMU24-S	Cable 1m, 3x0.75mm ²
	Terminals SMU24-T	Max. 3x1.5mm ²
	Torque	20Nm
	Direction of rotation	Selectable by switch
	Manual override	Gearing latch disengaged by pushbutton, self-resetting
	Angle of rotation	Max. 95°, adjustable by mechanical stops
Working conditions	Running time	150s for 95°
	Sound power level	Max. 48dB(A)
	Position indication	Mechanical, remote visible
	Protection class	III (safety low voltage)
	Degree of protection: SMU24(-S/-F)	IP54 in any direction
	SMU24-T	IP20
Dimensions / weight	EMC	CE according to 89/336/EEC
	Mode of operation	Type 1 to EN 60730-1
	Ambient temperature	-30...+50°C
	Non-operation temperature	-40...+80°C
	Humidity test	95% RH, non-condensing (EN 60730-1)
	Maintenance	Maintenance-free
	Dimensions (LxWxH)	See 'Dimensions'
	Shaft length	Min. 42mm (20mm for reverse mounting)
	Shaft: SMU24(-S)	 10...20mm (10...26.7mm with K-ENSA - optional)
	SMU24-F	12x12mm
	Weight	Approximately 1050g

Dimensions [mm]

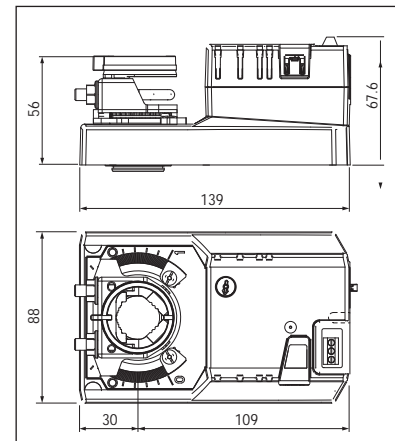
SMU24-F



SMU24(-S)



SMU24-T



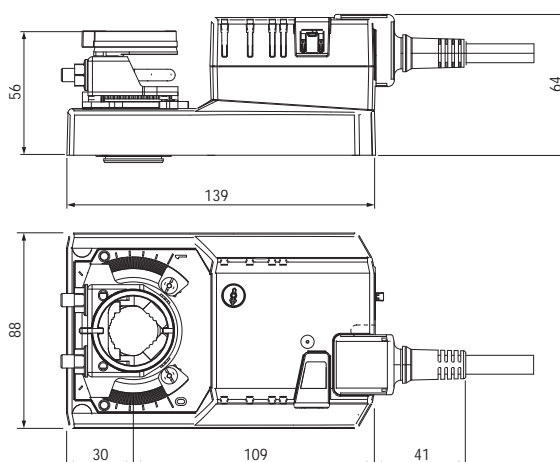
- For operation of air control dampers in HVAC system
- Torque: 20Nm
- Nominal voltage: AC/DC 24V
- Control signal: DC 2(0)...10V
- Position feedback: DC 2...10V



Technical data

Electrical data	Nominal voltage	AC 24V 50/60Hz, DC 24V
	Nominal voltage range	AC/DC 19.2...28.8V
	Power consumption	2W @ running / 0.4W @ holding
	Wire/transformer sizing	4VA
	Connection cable	Cable 1m, 4x0.75mm ²
Functional data	Torque	20Nm
	Control signal	DC 2(0)...10V (input impedance 100kΩ)
	Feedback signal	DC 2...10V
	Position accuracy	±5%
	Direction of rotation	Selectable by switch
	Manual override	Gearing latch disengaged by pushbutton, self-resetting
	Angle of rotation	Max. 95°, adjustable by mechanical stops
	Running time	150s for 95°
	Sound power level	Max. 48dB(A)
	Position indication	Mechanical, remote visible
Working conditions	Protection class	III (safety low voltage)
	Degree of protection	IP54 in any direction
	EMC	CE according to 89/336/EEC
	Mode of operation	Type 1 to EN 60730-1
	Ambient temperature	-30...+50°C
	Non-operation temperature	-40...+80°C
	Humidity test	95% RH, non-condensing (EN 60730-1)
	Maintenance	Maintenance-free
Dimensions / weight	Dimensions (LxWxH)	180x88x64mm
	Shaft length	Min. 42mm (20mm for reverse mounting)
	Shaft	⌀I◇ 10...20mm (10...26.7mm with K-ENSA - optional)
	Weight	Approximately 1050g




Dimensions [mm]



- For operation of air control dampers in HVAC system
- Torque: 20Nm
- Nominal voltage: AC 100...240V
- Control: Open/Close or 3-point

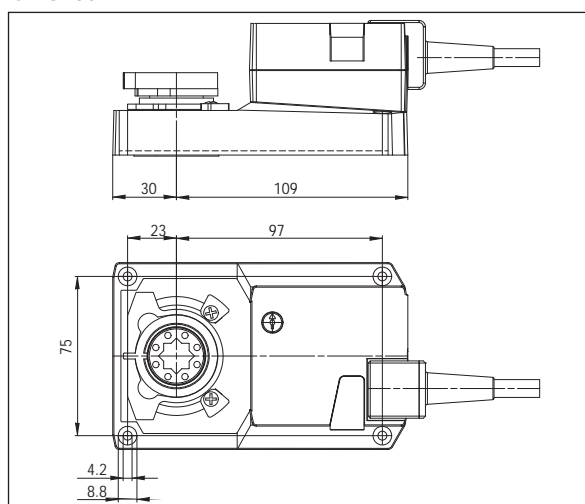


Technical data

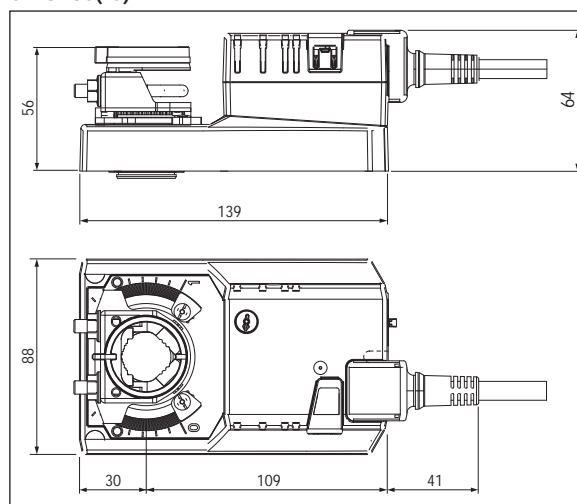
Electrical data	Nominal voltage	AC 100...240V 50/60Hz
	Nominal voltage range	AC 85...265V
	Power consumption	2.5W @ running / 0.6W @ holding
	Wire/transformer sizing	6VA
	Auxiliary switch SMU230-S	1 SPDT, 1mA...3(0.5)A, AC 250V  , adjustable
Functional data	Connection : Motor	Cable 1m, 3x0.75mm ²
	Auxiliary switch SMU230-S	Cable 1m, 3x0.75mm ²
	Torque	20Nm
	Direction of rotation	Selectable by switch
	Manual override	Gearing latch disengaged by pushbutton, self-resetting
Working conditions	Angle of rotation	Max. 95°, adjustable by mechanical stops
	Running time	150s for 95°
	Sound power level	Max. 48dB(A)
	Position indication	Mechanical, remote visible
	Protection class	II (totally insulated) 
Dimensions / weight	Degree of protection	IP54 in any direction
	EMC	CE according to 89/336/EEC
	Low voltage directive	CE according to 73/23/EEC
	Mode of operation	Type 1 to EN 60730-1
	Ambient temperature	-30...+50°C
	Non-operation temperature	-40...+80°C
	Humidity test	95% RH, non-condensing (EN 60730-1)
	Maintenance	Maintenance-free
	Dimensions (LxWxH)	See 'Dimensions'
	Shaft length	Min. 42mm (20mm for reverse mounting)
	Shaft: SMU230(-S)	 10...20mm (10...26.7mm with K-ENSA - optional)
	SMU230-F	12x12mm
	Weight	Approximately 1050g

Dimensions [mm]

SMU230-F



SMU230(-S)



- For operation of air control dampers in HVAC system
- Torque: 20Nm
- Nominal voltage: AC 100...240V
- Control signal: DC 2(0)...10V
- Position feedback: DC 2...10V



Technical data

Electrical data	Nominal voltage	AC 100...240V 50/60Hz
	Nominal voltage range	AC 85...265V
	Power consumption	3.5W @ running / 1W @ holding
	Wire/transformer sizing	6.5VA
	Connection cable: Power supply	Cable 1m, 2x0.75mm ²
Functional data	Signals	Cable 1m, 4x0.75mm ²
	Torque	20Nm
	Control signal	DC 2(0)...10V (input impedance 100k Ω)
	Feedback signal	DC 2...10V
	Position accuracy	±5%
	Direction of rotation	Selectable by switch
	Manual override	Gearing latch disengaged by pushbutton, self-resetting
	Angle of rotation	Max. 95°, adjustable by mechanical stops
	Running time	150s for 95°
	Sound power level	Max. 48dB(A)
	Position indication	Mechanical, remote visible
Working conditions	Protection class	II (totally insulated) <input type="checkbox"/>
	Degree of protection	IP54 in any direction
	EMC	CE according to 89/336/EEC
	Low voltage directive	CE according to 73/23/EEC
	Mode of operation	Type 1 to EN 60730-1
Dimensions / weight	Ambient temperature	-30...+50°C
	Non-operation temperature	-40...+80°C
	Humidity test	95% RH, non-condensing (EN 60730-1)
	Maintenance	Maintenance-free
	Dimensions (LxWxH)	202x88x64mm
	Shaft length	Min. 42mm (20mm for reverse mounting)
	Shaft	⌀ 10...20mm (10...26.7mm with K-ENSA - optional)
	Weight	Approximately 1200g

Dimensions [mm]

