



CE

RM8

### Technical Data

<b>Power supply</b>	24Vac +/- 10% 230Vac +/-10%
<b>Power consumptions</b>	3VA for 24Vac 6VA for 230Vac
<b>Torque</b>	8Nm
<b>Protection class</b>	IP42
<b>Electrical connection</b>	Via Terminals 0,5 to 1,5mm2 Screened cable
<b>Direction of rotation</b>	Via wiring diagram
<b>Manual override</b>	Push button
<b>Angle of rotation</b>	Maximum 95° (changeable form outside)
<b>Adapter for axis</b>	Max 13m, Min 11mm
<b>Running time</b>	156 sec
<b>Noise level</b>	Motor < 45 dB (A)
<b>Usage life</b>	Min. 60'000 open-close operations
<b>Position indication</b>	Mechanical
<b>Ambient temperature:</b>	-5...+ 50°C
<b>Storage temperature:</b>	-30...+ 70°C
<b>Ambient humidity:</b>	5...95%
<b>Weight</b>	760g
<b>Maintenance</b>	Maintenance free
<b>Standards</b>	The actuators meet CE requirements

### Features

- 8Nm torque to regulate dampers up to appr. 1,6m2
- On/off or 3-point
- Very quiet operation
- Direct mounting even in limited spaces
- Simple manual override

### Short Description

By using the mounting clamp the actuators can be direct couple mounted over the damper shaft

The compact size allows for easy installation where space is limited.

### High dependable performance

RM8 on/off type damper actuator uses bi-directional magnetic clutch synchronous motor.

It has overload protection function, and does not need limitator switch.

The actuator will stop automatically, because the motor is clutched when it is operating to the end.

And the damper actuator has a adjustable mechanical limitator, and 1~2 auxiliary switches can be selected for optional.

Adjustable limitator with precision of 15degree

Optional overtime protection for longer motor life.  
1 or 2 optional auxiliary switch(es), the function of which can be made by order.

The operational angle of the damper actuator which has 2 limitators can be adjusted by setting the peak turnplate.

The adjustable feedback position is larger than 60° clockwise, and less than 30° anti-clockwise.

Please find the installation details at Fig.4.  
The default setting of one switch type is at 90°, and that of two switches type is at 0° and 90°.

The 24 volt DC self-setting function is only for 24 volt AC damper actuator.  
It can supply enough power to let the damper actuator go back to 0°, when power supply is suddenly cut off.

### Ordering

<b>RM8 24D</b>	Damper Motor	8Nm	24 Vac/dc
<b>RM8 230D</b>	Damper Motor	8Nm	230 Vac
Auxiliary switches on request			

