

## ROTARY UNIT DAMPER ACTUATORS Types ARUM, ARUE

The Satchwell rotary unit damper actuators are designed to be mounted directly on to an 8mm square spindle. Only two screws are required for fixing to the damper box. By using an optional clamp the actuators can be used to drive 8 to 12mm diameter circular spindles. A bracket supplied with the optional clamp prevents lateral movement of the actuator.

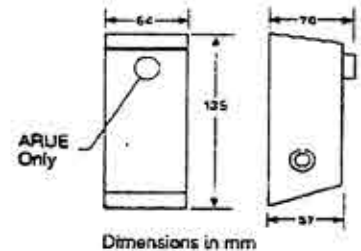
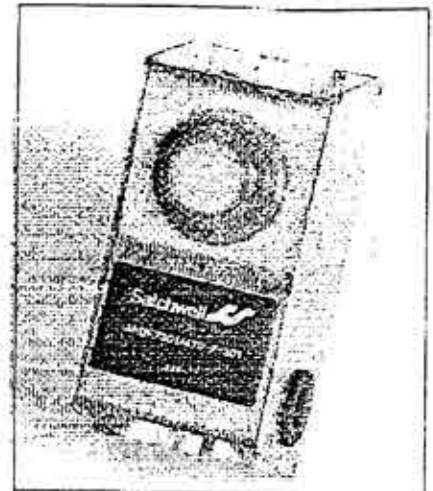
The 240 Volt (ARUM) actuators are on/off only, the direction of rotation being selected when wiring the actuator. The 0 to 10 Volt (ARUE) actuators are fully modulating.

The actuators are not fitted with and do not require end of travel limit switches. The 240 Volt version is also available with an auxiliary switch which is factory set at 85° and is screw adjustable between 10 and 70°.

The angle of rotation on the actuators is easily adjusted between 0 and 100° for the ARUM and 45 to 270° for the ARUE.

### FEATURES

- Compact size
- Easy installation
- Minimal commissioning
- Adjustable stroke angle
- Case protected to IP40



### SPECIFICATIONS

Types	ARUM 7601	ARUM 7602	ARUE 7301
Specification No.	479-7-601	479-7-602	479-7-301
Power Supply	220 Volts ac +/- 10% or 240 Volts ac +/- 10% 50 Hz		24 Volts ac +/- 20% 50/60 Hz
Consumption	2W (2VA)		2W (2VA)
Input Control Signal	220 to 240 Volts ac On/Off		0 to 10 Volts dc or 0 to 20 Volts phase cut
Operating Over	-		1.5 to 9.5 Vdc or 2 to 10V phase cut
Auxiliary Switches	None	SPST 220 to 240 Vac 10A resistive 3A Inductive	None
Running Time (at 0 to 2 Nm)	20 to 35 seconds over 100°		50 to 180 seconds over 270°
Angular Stroke (Adjustable)	0 to 100°		45 to 270°

<b>Torque:</b>	ARUM, ARUE: 2 Nm
<b>Action:</b>	ARUM: On/Off only operation ARUE 7301: Clockwise on rising Voltage
<b>Mounting Attitude:</b>	Any position
<b>Position Indicator:</b>	ARUM: 0 to 90° (concealed) ARUE: None
<b>Maximum Ambient Temperature:</b>	Storage & Operating: ARUM: -20 to 50°C ARUE: 0 to 50°C
<b>Protection Class:</b>	IP40
<b>Terminals:</b>	Accept 2 x 1.5mm <sup>2</sup> wires max.
<b>Noise Level:</b>	45dB (A)

### ACCESSORIES

ARUM Spindle adaptor (8 to 12mm diameter damper shaft) - Specification no. 862-7-405  
ARUE Spindle adaptor (8 to 12mm diameter damper shaft) - Specification no. 862-7-406