

## ESM-3721

Digital ON/OFF and PID Incubator / Hatcher Controller

Temperature ON/OFF and PID Control Selectable  
 Heating Control Output, Egg Tray Turning Output,  
 Alarm Control Output  
 Egg Tray manuel operation from front panel  
 Auto-Tune PID  
 4 Digits Display  
 PTC input  
 Set Value Boundaries  
 Alarm parameters and alarm status  
 can be adjusted according to the audible alert  
 (internal buzzer functions for alarm conditions)  
 Password Protection for Programming Section

Share :



Features	Descriptions
<b>Physical Features</b>	
<b>Dimensions</b>	76 mm x 34,5 mm x 71 mm
<b>Protection Class</b>	NEMA 4X (IP65 at front, IP20 at rear)
<b>Installation</b>	Fixed Installation
<b>Storage / Operating Temperature</b>	-40°C to +85°C / 0°C to +50°C
<b>Storage / Operating Humidity</b>	90 % max. (None condensing)
<b>Electrical Features</b>	
<b>Supply Voltage and Power</b>	24Vdc/ac ( ±%15) 50/60Hz - 1.5VA 24 V ac (±%15) 50/60 Hz. 1.5 VA 115 Vac (±%15) 50/60 Hz. 1.5 VA 230 Vac (±%15) 50/60 Hz. 1.5 VA 10-30Vdc 1.5W
<b>Sensor Inputs</b>	PTC PTC(1000 @.25 °C)
<b>Optional Sensor Inputs</b>	
<b>Scale</b>	PTC 0°C...100°C / 0.0°C...100.0°C 32°F...212°F / 32.0°F...212.0°F
<b>Accuracy</b>	± % 1 of full scale for Thermoresistance
<b>Outputs</b>	

<b>Relay Output</b>	5A@250 Vac at resistive load (Heating Output) 3A@250 Vac at resistive load (Alarm and Egg tray rotator Output)
<b>SSR Output</b>	
<b>Analogue Output</b>	
<b>Optional Outputs</b>	
<b>Control</b>	
<b>Control Form</b>	On / Off and PID
<b>Reading Frequency</b>	3 readings per second
<b>Communication Protocols</b>	
<b>Approvals</b>	EAC, CE