

ESM-3711-HN

Digital ON/OFF Temperature Control Device With Buzzer

4 Digits display

User can select to start cooking time (Timer) when temperature reaches to the set value

Adjustable temperature offset

Functional Internal Buzzer

ON / OFF temperature control

User can select to start Cooking Time

when Temperature reaches to the Set Value

PTC, NTC, PT-100, PT-1000 thermoresistances input types

Fe-Const (J), NiCr-Ni (K) thermocouples input types

Temperature Control Output and Alarm Output

Relay or SSR Driver Output

Remote access, data collecting and controlling

wiht Modbus RTU (Optional)

Installing parameters using Prokey (Optional)

Share :



Features	Descriptions
Physical Features	
Dimensions	76mm x 34,5mm x 71mm
Protection Class	IP65 at front, IP20 at rear
Installation	Fixed Installation
Storage Temperature	-30°C with +80°C
Storage / Operating Humidity	90 % max. (None condensing)
Electrical Features	
Supply Voltage and Power	230 Vac (+%15) 50/60 Hz. 1.5 VA 115 Vac(+%15) 50/60 Hz. 1.5 VA 24 Vac(+%15) 50/60 Hz. 1.5 VA 24 Vac/dc (-%15, +%10) 50/60 Hz. 1.5 VA 100-240Vac 50/60Hz 10-30 Vdc
Sensor Inputs	NTC, PTC, TC, RTD NTC (10k ohm @.25 °C) PTC(1000 ohm @.25 °C) J, K (IEC584.1)(ITS90) PT-100, PT-1000 (IEC751)(ITS90)
Optional Sensor Inputs	

Scale	Fe CuNi 0°C...800°C NiCr 0°C...999°C PTC -50°C...150°C / -19,9°C...99.9°C NTC -50°C...100°C / -19,9°C...99.9°C PT 100 / PT 1000 -50°C...400°C / -19,9°C...99.9°C
Accuracy	± 1 % of full scale for thermoresistance
Output	
Relay Output	10A@250 Vac at resistive load
SSR Output	15mA@12Vdc (Maximum)
Analogue Output	
Optional Outputs	
Control	
Control Form	On / Off
Reading Frequency	3 readings per second
Communication Protocols	RS-485
Approvals	EAC, CE

Analog sıcaklık Control cihazları