

## Oven Controller (Single)

### Single Zone Oven Controller

- 8 buttons to making different programs
- 2 isolated thermocupl input
- J or K (It must be determined in order)
- Auto-start feature with real time
- ON / OFF temperature control for 2 areas
- Limitation of set value
- Adjustable temperature offset
- Selection of operation with hysteresis
- 4 displays which has 3 digits and 2 diplays which has 4 digits (For clock)
- Relay outputs to control 2 Heaters(no/nc),
- 4 Fans, Brulor, Steam,Lamp and Time-Out
- 1 door status input and 1 brulor failure input
- For failure and set status internal buzzer
- Password protection for programming mode

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| Features                               | Descriptions  |
|--|---|
| <b>Physical Features</b>               |   |
| <b>Dimensions</b>                      | 300 mm x 140 mm   |
| <b>Protection Class</b>                | NEMA 4X (IP65 at front)   |
| <b>Installation</b>                    | Fixed Installation  |
| <b>Storage / Operating Temperature</b> | 0...50°C  |
| <b>Storage / Operating Humidity</b>    | 90 % max. (None condensing)   |
| <b>Electrical Features</b>             |   |
| <b>Supply Voltage and Power</b>        | 24Vac/dc (-%15, +%10) 50/60Hz<br>24Vac (-%15, +%10) 50/60Hz<br>115Vac (-%15, +%10) 50/60Hz<br>230Vac (-%15, +%10) 50/60Hz |
| <b>Sensor Inputs</b>                   | Termokupl J, K (IEC584.1)(ITS90)  |
| <b>Optional Sensor Inputs</b>          |   |
| <b>Scale</b>                           | Fe CuNi 0°C...800°C<br>NiCr 0°C...999°C   |
| <b>Accuracy</b>                        | ± % 1 of full scale   |
| <b>Output</b>                          |   |

|                                |  |
|--------------------------------|--|
| <b>Relay Output</b>            | 10A@250 Vac for heating control, 8 x 8A@250Vac for Fan, steam, lighting, time, cooling |
| <b>SSR Output</b>              |  |
| <b>Analogue Output</b>         |  |
| <b>Optional Outputs</b>        |  |
| <b>Control</b>                 |  |
| <b>Control Form</b>            | On/Off   |
| <b>Reading Frequency</b>       | 3 readings per second  |
| <b>Communication Protocols</b> |  |
| <b>Approvals</b>               | CE   |