

**Most suited for:**

Suitable for use in **cooking- and baking chambers**

**Special feature:**

Choice of switch-off either after **the operating time has run out** or after **the nominal core temperature** has been reached.

**Function:**

There is an optional **waiting time** before the start of every program.

A **Pt100 temperature sensor** for the core temperature and two outputs for the heating and the signal are available.

In case of a power cut, the regulator MKA 115 will resume the interrupted program automatically as soon as power is restored.



Graphic with optional **WP-frame**

**Range of settings:** Operating time: from 00h : 01min to 99h : 59min, 00 : 00 = continuous operation  
Temperature : from 0°C to 125°C

**Technical data**

**Mechanical data**

Casing: DIN 43700  
Reinforced fibre-glass Noryl, shock-resistant, black colour, temperature-resistant up to 110°C (low flammability)  
Front frame 96 x 96 mm  
with WP-frame 138 x 138 mm  
Mounting dimensions 90 x 90 mm  
Mounting depth 55 mm  
with terminals 70 mm  
Own weight: 600 g

**In-/ outputs**

Inputs: 1x Pt100, two-wire circuit, can be digitally aligned  
Outputs: 2x relay outputs,  
Switching capacity 250V AC/4A potential free, of which  
1x alternating contact for heating  
1x closing contact for signal

**Options:**

- Waterproof frame, protection 67 from the front

**Electrical data**

Operating voltage (standard): 230V 50/60Hz +/-10%  
Special design: 24/42/48/110/127/240 V  
Own consumption: ca. 6 VA  
Safeguards on front side: with rubber seal IP 65  
**optional:** with WP-frame IP 67  
Connections: connection terminals to 1,5mm<sup>2</sup> (detachable)  
Permissible ambient temperature: -10/+70°C

**Display**

- digital (7-segment display, red)  
Height of numbers: 14 mm  
3-digit for temperature resolution: 1 °  
4-digit for operating time resolution: 1 min  
Switching status display: light-emitting diodes (LED)

**Circuit diagram**

