Mini regulator MKA 115

C€-conform

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° to 125°

Technical data

Mechanical data

Casing: DIN 43700

Reinforced fibre-glass Noryl, shock-resistant, black colour, temperature-resistant up to 110 ℃

(low flammability)

Front frame 96 x 96 mm with WP-frame 138 x 138 mm Mounting dimensions Mounting depth 90 x 90 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 1,5mm² (detachable)

Permissible ambient temperature: -10/+70 ℃

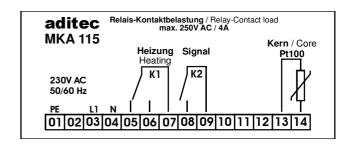
Display

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



Stand 11.03.11 V00