

# Zone control

## Dual/Triple Zone Switch

The zone switch was developed for multi-zone heating elements. The module is used in connection with rotary selection switches. The zone switch is activated with an additional contact on the rotary selection switch. After there is mains power, the module conducts a basic calibration. During operation, the IR sensor adjusts itself automatically to changing light conditions. By activating the sensor, an additional zone is switched on or off. With a three-zone cooking zone, first the middle and then the outer zone is activated by activating the sensor repeatedly. If it is activated again, then first the outer and then the middle zone is deactivated again. Faulty operation is detected by the implemented software and prevented.

Possible variants for a cooktop

- Dual zone switch
- Triple zone switch

Combinations and other versions on request.

## Warming zone switch

This module enables the complete control of a warming zone in a combination or touch cooktop. If the warming zone control unit is activated, it is switched on by touching the zone sensor. Light-up displays provide the user with clear information about the selected operating state. Another comfort feature of this control is the detection and prevention of faulty operation with the corresponding software.



Warming zone switch

The module also has an individual residual heat display: this function calculates the residual heat and displays it independently, that is, even after the cooktop is switched off. An operation time limit switches the warming zone off automatically after 8 hours of continuous operation for safety reasons. The warming zone control is fully isolated from the mains, has a low standby consumption (< 1 W) and corresponds to the latest specifications. The module is delivered with the new snap-in fastening technology, which enables screwless mounting in your cooktop.

## Technical specifications

Operating temperature	0 °C to +85 °C (105 °C on request)
Mains voltage	230 V, 50/60 Hz, 400 V on request
Approval	Confirms with standard EN 60335
Relays	1 relay for 10 A at 230 V
Connectors (Faston 6.3 mm) for	mains voltage and zones

## Technical specifications

Operating temperature	0 °C to +85 °C ( 105 °C for short periods)
Mains voltage	230 V, 50/60 Hz, optional 400 V
Approval	VDE ÜG
Relays	2 relays for 6.3 A at 230 V (3.3 A at 400 V)
Connectors (Faston 6.3 mm) for	mains voltage and zones