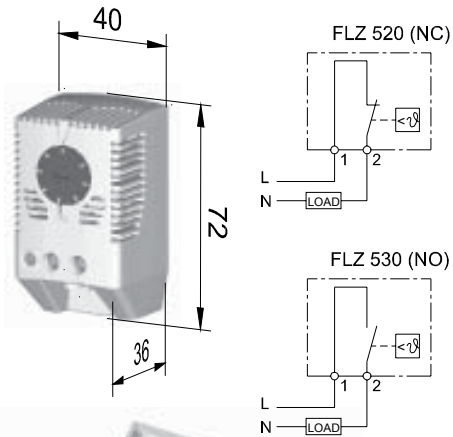


## Thermostat FLZ 520 / FLZ 530



Betriebsanleitung Thermostat FLZ 520/530

## Thermostat FLZ 520/530 Instructions for Use

<b>FLZ 520 – Opener</b> (Contact opens with rising temperature – Setting knob with red imprint)			
<b>FLZ 530 – Shutter</b> (Contact closes with rising temperature – Setting knob with blue imprint)			
Setting ranges	-20°C .. +40°C / -5°F .. +105°F	0°C .. +60°C / +30°F .. +140°F	+20°C .. +80°C / +70°F .. +180°F
Working temperature range	-20°C..+80°C / -5°F..+180°F		
Max. breaking capacity	240V AC, 10 (2)A / 120V AC, 15 (2)A Value in brackets: inductive load at cos.φ=0.6 DC: max. 30W		
Temperature difference	< 7K		
Tolerance for switching point	+/- 4K		
Type of contact	Opener – NC / Shutter – NO (snap-action contact)		
Type of connection	2-pole clamp, 2,5mm <sup>2</sup>		
Colour	RAL 7035 – grey		
Protection category	IP 20		
Assembly	Snap fastening for - 35mm profile bars in accordance with EN 60715 - Pfannenberg exhaust filter PFA 3000		

### Application:

The thermostats are used for the temperature regulation of cooling units, heating appliances, filter ventilators and heat exchangers inside switch cabinets. Moreover, they can be used as signal transmitters for reporting excess or insufficient temperatures.

### Safety instructions

The thermostats may only be installed by qualified staff. The protective measures and the protection against contact are to be ensured by the installation. The information on the name plate (voltage and current) is to be heeded.

**The operational reliability of the thermostat is to be ensured by an operating test.**

### Installation instructions:

- The thermostat should be assembled in the upper part of the switch cabinet at the maximum possible distance from heat creating components.
- The ventilation slots of the thermostat should not be covered.
- For the temperature setting of the opener the highest possible hysteresis must be added to the required minimum temperature.

For example:

- required minimum temperature inside switch cabinet: 9°C (46°F)
- temperature to be set: 20°C (66°F)
- resulting from: 20°C (66°F) = required temperature 9°C + highest possible hysteresis 11K (7K+4K)

## Mode d'emploi Thermostat FLZ 520/530

**FLZ 520 – Contact de repos** (le contact s'ouvre lorsque la température augmente - Bouton de réglage avec inscription rouge)

**FLZ 530 – Contact de travail** (le contact se ferme lorsque la température augmente - Bouton de réglage avec inscription bleue)