

FLZ 510-530 | THERMOSTATS

The FLZ 510-530 Series Thermostats are available in 3 different models. The FLZ 510 comes with a change over contact, the FLZ 520 comes with a N.C contact and the FLZ 530 comes with a N.O. contact. These are designed to work with cabinet heaters and Filterfans® to control the internal cabinet temperature.

Ultra Compact Design

At just slightly over 1.5" wide and under 3" tall, this compact design easily installs into areas that have a limited installation space.

Durable Long-Lasting

With its rugged design and solid construction you can count on the FLZ Thermostat to perform consistently over a long period of time.

Easy Mounting Options

Unit can be connected to a standard DIN rail **without tools** using the included snap fastener.



Unique Temperature Control

In combination with control cabinet heaters, they control temperature inside the control cabinet.

Models come color coded, blue dial for cooling and red dial for heating control.

Energy Savings Solution

In combination with Filterfans® the FLZ Thermostat can control the operation of the fan, turning it off and on based on a set temperature. This provides an environmental balance through energy reduction.

UL Certified for 508A Panels

Thermostats are UL Recognized allowing for integration into UL 508A panels.



*Note: The size listed on this page is for the FLZ 510. Please see the chart on the opposite page for dimensions of our FLZ 520/530 Models.





FLZ 510-530 Series Thermostat

Model Number	Part Number RAL 7035 (Light Grey)	Setting Range °F / °C	Voltage (VAC) (DC)		Type of contact	Switching Temperature difference (K)	Switching point tolerance (K)	Width in (mm)	Depth in (mm)	Height in (mm)	Weight lb (kg)
FLZ 510	17103000000	0-60 °C	100-250	max. 30 W	changeover with spring contact	1 ² / 3	± 3	1.46 (37)	1.87 (47.5)	2.34 (59.5)	.16 (.07)
	17103000010	32-140 °F	100-250	max. 30 W	changeover with spring contact	1 ² / 3	± 3	1.46 (37)	1.87 (47.5)	2.34 (59.5)	.16 (.07)
FLZ 520	17111000000	0-60 °C	100-250	max. 30 W	N.C. with spring contact ¹	<7	± 4	1.57 (40)	1.42 (36)	2.83 (72)	.11 (.05)
	17111000010	32-140 °F	100-250	max. 30 W	N.C. with spring contact ¹	<7	± 4	1.57 (40)	1.42 (36)	2.83 (72)	.11 (.05)
FLZ 530	17121000000	0-60 °C	100-250	max. 30 W	N.O. with spring contact ¹	<7	± 4	1.57 (40)	1.42 (36)	2.83 (72)	.11 (.05)
	17121000010	32-140 °F	100-250	max. 30 W	N.O. with spring contact ¹	<7	± 4	1.57 (40)	1.42 (36)	2.83 (72)	.11 (.05)
Additional Data			FLZ 510			FLZ 520		FLZ 530			
Operating temperature range			-40 ... +176 (-40 ... +80)								°F (°C)
Connection			screw terminal for cable cross-section 0.5 to 2.5 mm ²								
Suitable for the operation of :			fan and heater			heater		fan			
Type of mounting			snap fastening for 35mm profile bars according to EN 60715								

¹N.C. = normally closed / N.O. = normally open

²For 230 V AC operation only

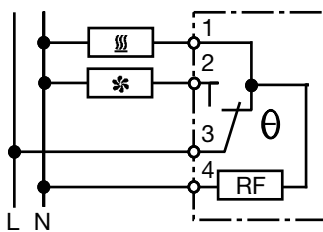
Approvals (see the Quick Selection Chart found at the beginning of this section)



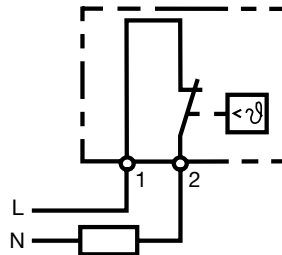
For additional technical data,
drawings and templates.
www.pfannenbergusa.com

Schematics

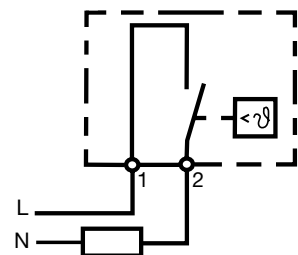
FLZ 510 1K



FLZ 520 N.C.



FLZ 530 N.O.



Available Models:

FLZ 510-530 Thermostats

(0-60 °C or 32-140 °F)

