

FLZ 600 - 610 | HYGROSTATS

The FLZ 600-610 Series Hygrostat and combined Hygrostat/Thermostat models are ideal for controlling cabinet heaters and Filterfans® when a relative humidity is exceeded. Hygrostats help to keep the relative humidity within an enclosure above the dew point, preventing the condensation of water on electrical components and the corrosion of unprotected sheet metal.

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 Hygrostats 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.

2.36 in. (60 mm)



Energy Savings Solution

The FLZ 600 Hygrostat can control the operation of a Filterfan® or heater, turning it on when a preset relative humidity is exceeded. This provides an environmental balance through energy reduction.

The FLZ 610 includes an additional control for operation of a Filterfan® or heater, turning it off and on based on a set temperature.

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 600. Please see the chart on the opposite page for dimensions of our FLZ 610 Model.



FLZ 600-610 Series Hygrostats / Hygrostats-Thermostats

Model Number	Part Number RAL 7035 (Light Grey)	Setting Range RH	Input voltage (VAC)	Max switching power (A)			Type of contact	Switching Temperature difference	Switching point tolerance (K)	Width in (mm)	Depth in (mm)	Height in (mm)	Weight lb (kg)
				115 VAC	230 VAC	DC							
FLZ 600	17207000000	40-90% R.H.	N/A	5 (.2) ²	2 (.2) ²	30 W	Mechanical hygrostat, changeover with spring contact	approx. 5%	± 4	1.46 (37)	1.85 (47)	2.36 (60)	.12 (.05)
FLZ 610	17218151000	40-90% R.H. / 32° - 140° F (0°C to + 60°C)	115	8 (.3) ²	8 (.3) ²	4 A	Electronic hygrostat-ther- mostat combo device, changeover/ relay	approx. 2 K ± 1 K / approx. 4% R.H. ± 1%	± 4	2.32 (59)	1.5 (38)	3.17 (80.5)	.18 (.08)
	17218100000	40-90% R.H. / 32° - 140° F (0°C to + 60°C)	230	8 (.3) ²	8 (.3) ²	4 A	Electronic hygrostat-ther- mostat combo device, changeover/ relay	approx. 2 K ± 1 K / approx. 4% R.H. ± 1%	± 4	2.32 (59)	1.5 (38)	3.17 (80.5)	.18 (.08)
Additional Data			FLZ 600					FLZ 610					
Operating temperature range			+30 ... +140 (0 ... +60)					-4 ... +140 (-20 ... +60)					°F (°C)
Connection			screw terminal for cable cross-section 0.5 to 2.5 mm ²										
Suitable for the operation of :			fan and heater										
Type of mounting			snap fastening for 35mm profile bars according to EN 60715										

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

²Max. switching power value in brackets (): inductive load at cos φ = 0.6

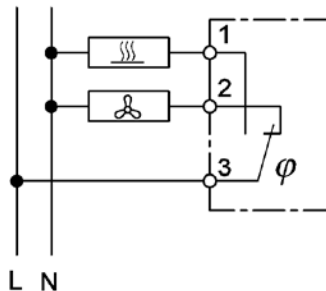
Approvals (see the Quick Selection Chart found at the beginning of this section)



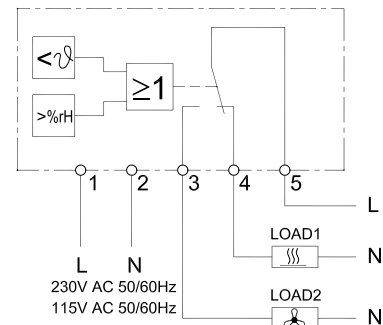
For additional technical data,
drawings and manuals.
www.pfannenbergsusa.com

Schematics

FLZ 600



FLZ 610



Available Models:

FLZ 600

Mechanical Hygrostat
(0-60 °C or 32-140 °F)



FLZ 610

**Electronic Hygrostat/
Thermostat Combo**
(0-60 °C or 32-140 °F)

