

# FLZ 600 | FLZ 610 HYGROSTAT | HYGROSTAT-THERMOSTAT COMBINATION DEVICE

Hygrostats from the FLZ series switch on control cabinet heaters or filterfans when a preset relative humidity is exceeded. The relative humidity is kept above the dew point and the condensation of water on electrical components and the corrosion of unprotected sheet metal is prevented. The electronic combination device unites thermostat and hygrostat in one housing and, at the same time, monitors the relative humidity and the temperature independently of each other.



PRODUCT	FLZ 600	FLZ 610	
ARTICLE NO.	17207000000	17218100000	Unit

DATA			
Device implementation		mechanical hygrostat	electronic hygrostat-thermostat combination device
Rated voltage $\pm 10\%$		N/A	AC 50/60 230 Hz V
Type of contact		changeover with spring contact	changeover/relay
Switching difference		approx. 5 %	approx. 2 K $\pm$ 1 K / approx. 4 % R.H. $\pm$ 1 %
Contact resistance		–	< 10 m $\Omega$
Max. switching power value in brackets: inductive load at $\cos \varphi = 0.6$	N.C.	24–230 V AC / 5 (0.2) A – min. 100 mA	240 V AC, 8 (3) A or 120 V AC, 8 (3) A 24 V DC, 4 A
	N.O.	24–230 V AC / 5 (0.2) A – min. 100 mA	
	DC	50 V, 1 A   75 V, 0.5 A   min. 100 mA	–
Setting range		40–90 % R.H.	
Operating temperature		0 ... +60	0 ... +60 –20 ... +60 °C
System of protection		IP 30	IP 20
Probe type		polyamide belt	–
Suitable for the operation of		fan and heater	
Operating display		–	LED
Type of mounting		snap fastening for 35 mm profile bars according to EN 60715	
Type of connection		screw terminal for cable cross-section 0.5 to 2.5 mm <sup>2</sup>	
Colour		RAL 7035	
Weight		55	85 g

ACCESSORIES	ARTICLE NUMBER
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Hygrostat	17207000000
Internal enclosure fan	18110000000

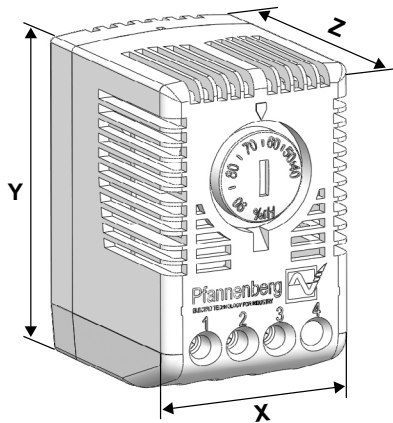
For additional models, options and voltages visit [www.pfannenberg.com](http://www.pfannenberg.com) or contact us directly.



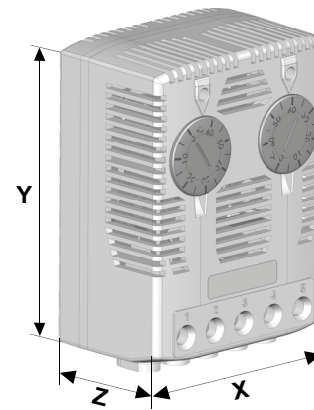
### Dimensions

mm	FLZ 600	FLZ 610
X	37	59
Y	60	80.5
Z	47	38

**FLZ 600**

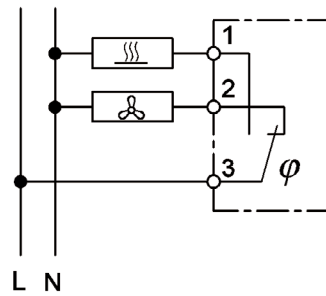


**FLZ 610**



### Schematics

**FLZ 600**



**FLZ 610**

