

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 ±10%		N/A		AC 50/60		Hz
				230		V
Type of contact		changeover with spring contact		changeover/relay		
Switching difference		approx. 5 %		approx. 2 K ±1 K / approx. 4 % R.H. ±1 %		
Contact resistance		–		< 10		mΩ
Max. switching power value in brackets: inductive load at cos φ = 0.6	N.C.	24–250 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.	24–250 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.
				0 ... +60		°C
Operating temperature		0 ... +60		–20 ... +60		
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 mm²				
Colour		RAL 7035				
Weight		55		85		

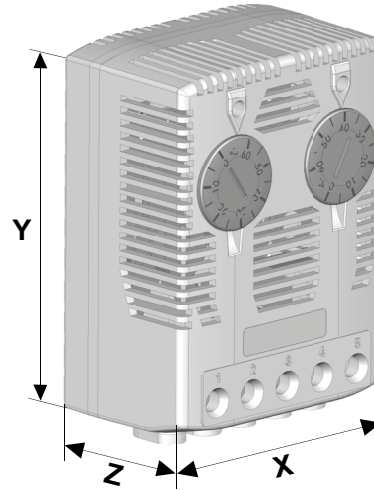
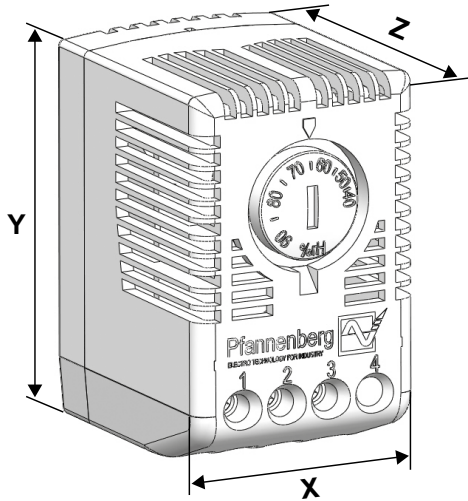
ACCESSORIES	ARTICLE NUMBER
Hygrostat	17207000000
Internal enclosure fan	18110000000

For additional models, options and voltages visit www.pfannenbergl.com or contact us directly.



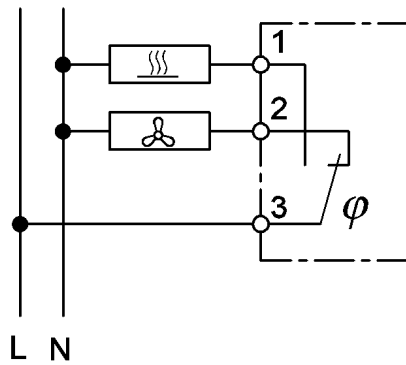
DIMENSIONS

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



SCHEMATICS

FLZ 600



FLZ 610

