

FLZ 600 Hygrostat

FLZ 610 Hygrostat-thermostat

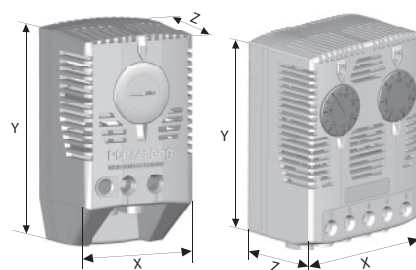
- Hygrostats switch on control cabinet heaters or filterfans when a preset relative humidity is exceeded. The relative humidity is kept above the dew point and the condensation of water on electrical components and the corrosion of unprotected sheet metal is prevented.
- The electronic combination device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



Data	FLZ 600	FLZ 610	Unit
Part number	17207000000	17218100000	
0 °C (+32 °F) ... +60 °C (+140 °F) 230 V		17218151000	
115 V	—		
Device implementation	mechanical hygrostat	electronic hygrostat-thermostat combo device	
Type of contact	changeover with spring contact	changeover/relay	
Rated voltage	—	230 V AC 50 / 60 Hz ¹	
Setting range	40 - 90 % R.H.	40 - 90 % R.H. / 32° - 140° F (0 °C to +60 °C)	
Switching temperature difference	approx. 5 %	approx. 2 K ± 1 K / approx. 4 % R.H. ± 1 %	
Switching point tolerance	± 4 ²	± 4 ²	K
Contact resistance	—	< 10	mΩ
Max. switching power value in brackets: inductive load at cos φ = 0.6	N.C.	24-250 V AC / 2 (0.2)A – min. 100 mA	240 V AC, 8 (3) A or 120 V AC, 8 (3) A
	N.O.	24-250 V AC / 5 (0.2)A – min. 100 mA	24 VDC, 4 A
	DC	max. 30	—
Operating temperature range	+30 ... +140 (0 ... +60)	-4 ... +140 (-20 ... +60)	°F (°C)
Storage temperature range	-4 ... +179 (-20 ... +80)		
Probe type	polyamide belt	—	
System of protection	IP 20		
Weight	55	85	g
Connection	screw terminal for cable cross-section 0.5 to 2.5 mm ²		
Approvals	UL, cUL		
Operating display	—	LED	
Suitable for the operation of	fan and heater		
Type of mounting	snap fastening for 35mm profile bars according to EN 60715		
Color	RAL 7035		

Dimensions

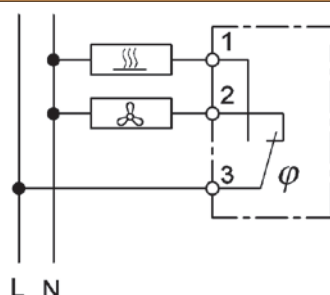
DIMS.	FLZ 600	FLZ 610
	inches (mm)	inches (mm)
X	37	2.32 (59)
Y	64	3.17 (80.5)
Z	46	1.5 (38)



¹ N.C. = normally closed / N.O. = normally open
² for 230 V AC operation only
Approvals see page 168

Schematics

FLZ 600



Schematics

FLZ 610

