FLZ 510 – FLZ 530
Thermostats

ALLIED MOULDED PRODUCTS, Inc.

- The FLZ series are available with N.C. / N.O.[1] and changeover contacts. In combination with control cabinet heaters, they serve for temperature control inside the control cabinet.

- In combination with filter fans, they provide for additional savings on energy, materials and time. This results in greater reliability of the production process, reduced energy consumption due to need-based use and an improvement in the efficiency of the controlled heaters and filterfans.
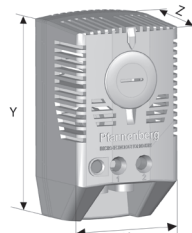
Data		FLZ 510	FLZ 520	FLZ 530	Unit
Part number	0 ° - 60 °C	17103000000	17111000000	17121000000	
	32 -140 °F	17103000010	17111000010	17121000010	
Type of contact		changeover with spring contact	N.C. with spring contact	N.O. with spring contact	
Switching temperature difference		1^2/3	<7		K
Switching point tolerance		± 3	± 4		
Max. switching power - resistive value in brackets (): inductive load at cos φ = 0.6	N.C.	100 - 250 V AC / 10 (2)	240 V AC / 10 (2)		
	N.O.	100 - 250 V AC / 5 (2)	120 V AC / 15 (2)		
	DC	max. 30			W
Operating temperature range		-4 … +179 (-20 … +80)			°F (°C)
Storage temperature range		-4 … +179 (-20 … +80)			
Probe type		bimetal			
System of protection		IP 20			
Weight		75	50		g
Connection		screw terminal for cable cross-section 0.5 to 2.5 mm^2			
Approvals		UL, cUL, CE	UL, cUL, CSA, CE		
Special feature		thermal return^2	-		
Suitable for the operation of		fan and heater	heater	fan	
Type of mounting		snap fastening for 35mm profile bars according to EN 60715			
Color		RAL 7035			

Accessories	Piece	Part number	Info on page
Hygrostat	1	17207000000	170
Internal enclosure fan	1	18103000002	59

[1] N.C. = normally closed / N.O. = normally open
[2] for 230 V AC operation only

Dimensions

Dimension	FLZ 510	FLZ 520	FLZ 530
	inches (mm)		
X	1.46 (37)	1.57 (40)	1.57 (40)
Y	2.52 (64)	2.83 (72)	2.83 (72)
Z	1.81 (46)	1.42 (36)	1.42 (36)

Schematics

FLZ 510 1K	FLZ 520 N.C.	FLZ 530 N.O.

e. g. heater

e. g. fan