

FLZ 510 - FLZ 530

Thermostats

- 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 filterfans, they provide for additional savings on energy, materials and time. All in all, 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.



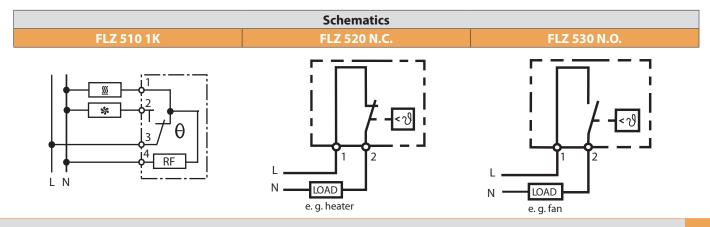
Data		FLZ 510	FLZ 520	FLZ 530	Unit
Part number	0°-60°C	17103000000	17111000000	17121000000	
	32 -140 °F	17103000010	17111000010	17121000010	
Type of contact		changeover with spring contact	N.C. with spring contact	N.O. with spring contact	
Switching temperature difference		12/3 <7		К	
Switching point tolerance		± 3	± 4		, K
Max. switching power - resistive	N.C.	100 - 250 V AC / 10 (2)	240 V AC / 10 (2)		
value in brackets ():	N.O.	100 - 250 V AC / 5 (2)	120 V AC / 15 (2)		
inductive load at $\cos \varphi = 0.6$	DC	max. 30			W
Operating temperature range		-4 +179 (-20 +80)			0F (0C)
Storage temperature range		-4 +179 (-20 +80)			°F (°C)
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

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





² for 230 V AC operation only Approvals see page 168