

# Thermostat Serie FLZ



Mechanical bi-metallic thermostat for temperature in enclosures. Suitable for Pfannenberg Filterfans® and heaters and also for monitoring temperature.

Different models available fitted with either change-over contact with neutral position, NCC or NOC. Function at increasing temperature. AS-i slave module also available.



Level of protection

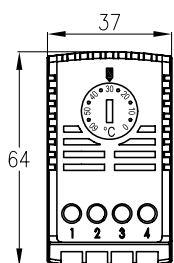


suitable for both 50 Hz and 60 Hz

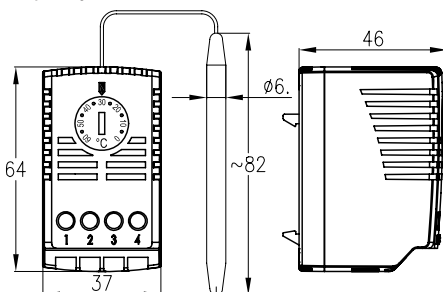


Technical data:	FLZ 510	FLZ 520	FLZ 530	FLZ 550 AS-i
Type of contact	change over switch with spring contact	NCC with spring contact	NOC with spring contact	integrated AS-i bus slave
Available setting ranges		- 20 °C (- 4 °F) ... + 40 °C (+ 104 °F) 0 °C (+32 °F) ... + 60 °C (+ 140 °F) + 20 °C (+ 68 °F) ... + 80 °C (+ 176 °F)		-10°C (+14°F) ... +60°C (+140°F)
Max. breaking capacity, value in brackets inductive load at cos(phi) = 0,6	NCC: 100-250V AC/10(2)A NOC: 100-250V AC/5(2)A DC: max. 30W		240V AC / 10(2) A 120V AC / 15(2) A DC: max. 30W	< 20 mA 26,5 V ... 31,6 V AS-i profile: S-BA
Breaking temperature difference	1K: thermal return 3K: without thermal return 7K: capillary sensor		< 7K	1 - 4K
Tolerance for switching point	+/- 3K		+/- 4K	+/- 2K
Sensor	bimetal or remote sensor with 1,5 m capillary		bimetal	NTC
Connection	0,5 - 2,5 mm <sup>2</sup> screw clamps			1,3 mm DC Jack
Colour	RAL 7035 - light grey			
Weight	75 g	50 g	50 g	55 g
System of protection	IP20			
Working / storage temperature range	- 20 °C (- 4 °F) ... + 80 °C (+ 176 °F)			-25°C (-13°F) ... +80°C (+176°F)
Mounting method	snap fastening for 35 mm profile bars in accordance with EN 60715 (FLZ 520/530: for Pfannenberg Exhaust Filter PFA 3000 too) FLZ 550 AS-i not for headfirst mounting			
Approvals	UL approval applied for		UL approval	

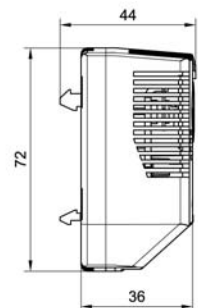
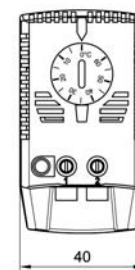
FLZ 510



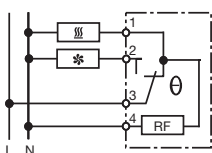
FLZ 510 capillary sensor



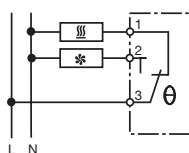
FLZ 520 / FLZ 530 / FLZ 550-AS-i



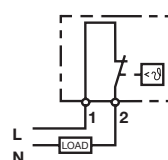
FLZ 510 1K



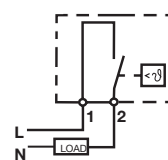
FLZ 510 3K / 7K



FLZ 520 NCC



FLZ 530 NOC



FLZ 550 AS-i

