

Thermostat

FLZ 510, FLZ 520, FLZ 530 und FLZ 550 AS-i



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 (e.g. NCC for triggering heaters, NOC for triggering fans). AS-i slave module also available.

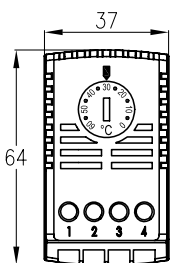
- all models can be delivered in convenient packaging units



Technical data	FLZ 510	FLZ 520	FLZ 530	FLZ 550 AS-i
Type of contact	change over 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 (adjustable)
Tolerance for switching point	+/- 3K		+/- 4K	+/- 2K
Sensor	bimetal or capillary sensor (1,5 m)		bimetal	NTC
Connection	0,5 - 2,5 mm ² screw clamps			
Programming				1,3 mm DC Jack programming
Colour	RAL 7035 - light grey			
Weight	75 g	50 g	50 g	55 g
System of protection	IP 20			
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 35mm profile bars according to EN 60715 (FLZ 520/530: for Pfannenberg exhaust filter PFA 3000 too) FLZ 550 AS-i not for headfirst mounting			
Approvals	1K, 3K: UL approval (not for 7K)	UL approval		AS-i

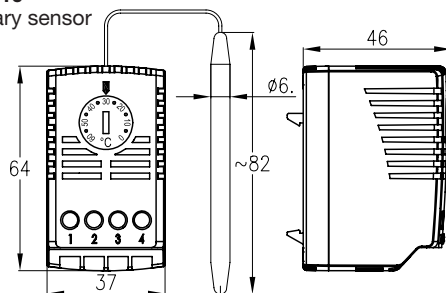
* suitable for 230V connection

FLZ 510

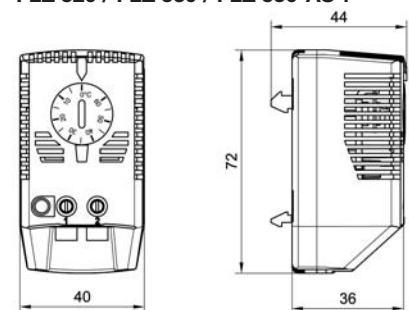


FLZ 510

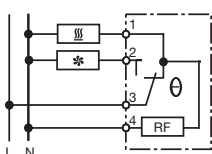
capillary sensor



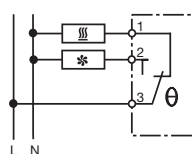
FLZ 520 / FLZ 530 / FLZ 550-AS-i



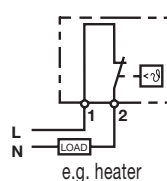
FLZ 510 1K



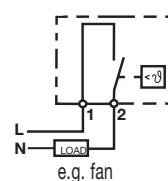
FLZ 510 3K / 7K



FLZ 520 NCC



FLZ 530 NOC



FLZ 550 AS-i

