

FLH 250 – FLH 400 Fan Heaters



- ideal for use in larger electrical enclosures
- integrated fan for fast and even distribution of the heat

Heating performance	250 W	400 W
max. surface temperature	70 °C	85 °C
Power consumption	260 W	410 W
Starting current	1.1 A	1.8 A
Volumetric air flow	50 m ³ /h (50 Hz) / 61 m ³ /h (60 Hz)	
Rated voltage	230 V AC 50/60 Hz	
Design	aluminium profile, brightly anodised	
Type of mounting	snap fastening for 35 mm profile bars according to EN 60715	
Type of connection	plug terminal connector	
Clamping range of connecting terminal	single wire: 2 x 0.5 - 2.5 mm ² , fine wire: (tinned, with ferrule, with pin cable lug) 2 x 0.5 - 1.5 mm ²	
Approvals	UL, cUL, CE, (on request: GOST)	

Article no.	Width x Height x Depth	Model
17025010007	85 x 186.5 x 104 mm	FLH 250
17040010007	85 x 226.5 x 104 mm	FLH 400
18911000000		spare part – fan 230 V AC

FLH 250 SL Fan Heater



- ideal for use in larger electrical enclosures
- integrated fan for fast and even distribution of the heat

Heating performance	250 W
max. surface temperature	70 °C
Power consumption	261 W
Starting current	1.0 A
Volumetric air flow	160 m ³ /h
Rated voltage	230 V AC 50/60 Hz
Design	aluminium profile, brightly anodised
Weight	1.5 kg
Type of mounting	snap fastening for 35 mm profile bars according to EN 60715
Type of connection	plug terminal connector
Clamping range of connecting terminal	single wire: 2 x 0.5 - 2.5 mm ² , fine wire: (tinned, with ferrule, with pin cable lug) 2 x 0.5 - 1.5 mm ²
Approvals	CE (UL, cUL in preparation)

Article no.	Width x Height x Depth	Model
17025110290	126.5 x 170.5 x 103 mm	FLH 250 SL

FLZ 510 Thermostat



- in combination with control cabinet heaters for temperature control in the control cabinet

Type of contact	changeover with spring contact		
Switching temperature difference	1K	3K	7K
Switching point tolerance	± 3K		
Max. switching power, value in brackets: inductive load at cos φ = 0.6	N.C.: 100-250 V AC / 10 (2) N.O.: 100-250 V AC / 5 (2) DC: max. 30 W		
Probe type	bimetal	bimetal	capillary probe (1.5 m)
System of protection	IP 20		
Weight	75 g		

Type of mounting	snap fastening for 35 mm profile bars according to EN 60715
Type of connection suitable for the operation of	screw terminal for cable 0.5 - 2.5 mm ² fan and heater
Approvals	CE, (on request: GOST)

Article no.	Width x Height x Depth	Model
17103000003	37 x 64 x 46 mm	FLZ 510 1K -20°C ... +40°C
17103000000	37 x 64 x 46 mm	FLZ 510 1K 0°C ... +60°C
17103001000	37 x 64 x 46 mm	FLZ 510 1K 0°C ... +60°C (set of 10)
17103000004	37 x 64 x 46 mm	FLZ 510 1K +20°C ... +80°C
17105000003	37 x 64 x 46 mm	FLZ 510 3K -20°C ... +40°C
17105000000	37 x 64 x 46 mm	FLZ 510 3K 0°C ... +60°C
17105000004	37 x 64 x 46 mm	FLZ 510 3K +20°C ... +80°C
17106000003	37 x 64 x 46 mm	FLZ 510 7K -20°C ... +40°C
17106000000	37 x 64 x 46 mm	FLZ 510 7K 0°C ... +60°C
17106000004	37 x 64 x 46 mm	FLZ 510 7K +20°C ... +80°C

FLZ 520 / FLZ 530 Thermostats



- in combination with control cabinet heaters for temperature control in the control cabinet

Model	FLZ 520	FLZ 530
Type of contact	N.C. with spring contact	N.O. with spring contact
Switching temperature difference	< 7K	
Switching point tolerance	± 4K	
Max. switching power, value in brackets: inductive load at cos φ = 0.6	N.C.: 240 V AC / 10 (2) N.O.: 120 V AC / 15 (2)	DC: max. 30 W
Probe type	bimetal	
System of protection	IP 20	
Weight	50 g	
Type of mounting	snap fastening for 35 mm profile bars according to EN 60715	
Type of connection suitable for the operation of	screw terminal for cable 0.5 - 2.5 mm ² heater fan	
Approvals	UL, cUL, CSA, CE, (on request: GOST)	

Article no.	Width x Height x Depth	Model
17111000003	40 x 72 x 36 mm	FLZ 520 N.C. -20°C ... +40°C
17111000000	40 x 72 x 36 mm	FLZ 520 N.C. 0°C ... +60°C
17111001000	40 x 72 x 36 mm	FLZ 520 N.C. 0°C ... +60°C (set of 10)
17111000004	40 x 72 x 36 mm	FLZ 520 N.C. +20°C ... +80°C
17121000003	40 x 72 x 36 mm	FLZ 530 N.O. -20°C ... +40°C
17121000000	40 x 72 x 36 mm	FLZ 530 N.O. 0°C ... +60°C
17121001000	40 x 72 x 36 mm	FLZ 530 N.O. 0°C ... +60°C (set of 10)
17121000004	40 x 72 x 36 mm	FLZ 530 N.O. +20°C ... +80°C

FLZ 541 – FLZ 543 Twin Thermostats



- 2 independant thermostats in one unit, individually switchable
- connected units can be operated at different temperature settings

Model	FLZ 541	FLZ 542	FLZ 543
Type of contact	N.C. / N.O. with spring contact	N.C. / N.C. with spring contact	N.O. / N.O. with spring contact
Switching temperature difference	< 7K		
Switching point tolerance	± 4K		
Max. switching power, value in brackets: inductive load at cos φ = 0.6	N.C.: 240 V AC / 10 (2) N.O.: 12 V AC / 15 (2) DC: max. 30 W		
Probe type	bimetal		
System of protection	IP 20		
Weight	95 g		