

Fan Heater

FLH 250 – FLH 400

FLH 250 SL

The FLH series of fan heaters consists of two versions with heating performance ratings of 250 and 400 Watts. This type of heating is ideal for use in larger electrical enclosures. It has an integrated fan that assists the natural convection and thus provides for fast and even distribution of the heat in the control cabinet.



Data	FLH 250	FLH 400	FLH 250 SL	Unit
Article number	17025010007	17040010007	17025110007	
plus a 2 nd protective grille	17025010107	17040010107	N/A	
Heating performance (Ta = +20 °C)	250	400	250	W
Max. surface temperature	70	85	70	°C
Power consumption	260	410	261	W
Starting current	2.2 / 1.1	3.6 / 1.8	2.4 / 1.3	A
System of protection for intended purpose of use	IP 20			
Weight	1035	1200	1500	g
Volumetric air flow	50 (50 Hz) / 61 (60 Hz)		160	m ³ /h
Rated voltage	115 V or 230 V AC 50 / 60 Hz			
Functional range	104 - 126 V or 207 - 258 V AC 50 / 60 Hz			
Duty cycle	100%			
Operating temperature range	- 20 ... + 70 (- 4 ... + 158)			°C (°F)
Storage temperature range	- 40 ... + 70 (- 40 ... + 158)			
Installation orientation	as desired, preferably vertical			
Device construction	aluminium profile, brightly anodised			
Type of mounting	snap fastening for 35 mm profile bars according to EN 60715 ¹			
Protection class	I			
Type of connection	plug terminal connector			
Clamping range of connecting terminal	single wire: 2 x 0.5 - 2.5 mm ² , fine-stranded: (tinned, with ferrule, with pin cable lug) 2 x 0.5 - 1.5 mm ² ²			
Accessories	Piece	Article number	Information on page	
Thermostat	1	17111000000	176/178	
Hygrostat	1	17207000000	180	
Internal enclosure fan	1	18110000000	65	

¹ FLH 250 SL: M6 screw fastening

² FLH 250 SL: single wire: 0.08 - 4.0 mm² (AWG 28-12), fine-stranded: (tinned, with ferrule, with pin cable lug) 0.08 - 2.5 mm² (AWG 28-14)

Approvals see page 165

Dimensions

mm	FLH 250	FLH 400
X	85	85
Y1	186.5	226.5
Y2	90	90
Y3	65	65
Z	104	104

mm	FLH 250 SL
X	126.5
Y	170.5
Z1	75
Z2	103

