

Surface temperature-limited Radiant Heaters

FLH-LST 020 – FLH-LST 050



The FLH series of radiant heaters with limitation of the radiator surface temperature consists of three versions with heating performance ratings of 20, 30 and 50 Watts. Typical applications are to be found within building installations, where accidental contact with radiant heaters inside control cabinets is possible, where safety regulations prohibit open sources of heat, or where neighbouring structural elements are negatively influenced by the increased development of heat.

Data	FLH-LST 020	FLH-LST 030	FLH-LST 050	Unit
Article number with connecting cable	17002105017	17003105017	17005105017	
Heating performance (Ta = +20 °C)	20	30	50	W
Max. surface temperature	55			°C
Power consumption	20	30	50	W
Starting current	1.1	1.2	2.3	A
System of protection for intended purpose of use	IP 44 (connecting cable) and IP 20 (plug terminal connector)			
Weight	320	450	770	g
Rated voltage	230 V AC 50 / 60 Hz			
Functional range	110 - 250 V AC 50 / 60 Hz			
Duty cycle	100%			
Operating temperature range	- 40 ... + 70 (- 40 ... + 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			
Protection class	I			
Type of connection	connecting cable (500 mm)			
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			
Accessories	Piece	Article number		Information on page
Thermostat	1	17111000000		176/178
Hygrostat	1	17207000000		180
Internal enclosure fan	1	18110000000		65

Approvals see page 165

Dimensions

mm	FLH-LST 020	FLH-LST 030	FLH-LST 050
X	70	70	70
Y1	95	140	215
Y2	37	37	37
Z	50	50	50
L	500	500	500

