

# HSPH SERIES

## PTC PANEL HEATERS

High Efficiency Cabinet Heating Solutions  
Reliable Temperature Control for  
Electrical Enclosures



**Energy Efficient  
PTC Technology**  
Self-Regulating  
Heating Element



**Wide Voltage Range**  
120-240V AC/DC



**Anti-Condensation  
Protection**  
Protects Sensitive  
Equipment



**Industrial Grade  
Construction**  
Anodized Aluminum  
Housing



**Wide Temperature Range**  
-45°C to +70°C



**DIN Rail Mounting**  
Quick & Easy  
Installation



Reliable  
Protection



Energy  
Saving



Fast  
Heating









Long  
Service Life



ISO  
9001

ISO  
14001

ISO  
45001

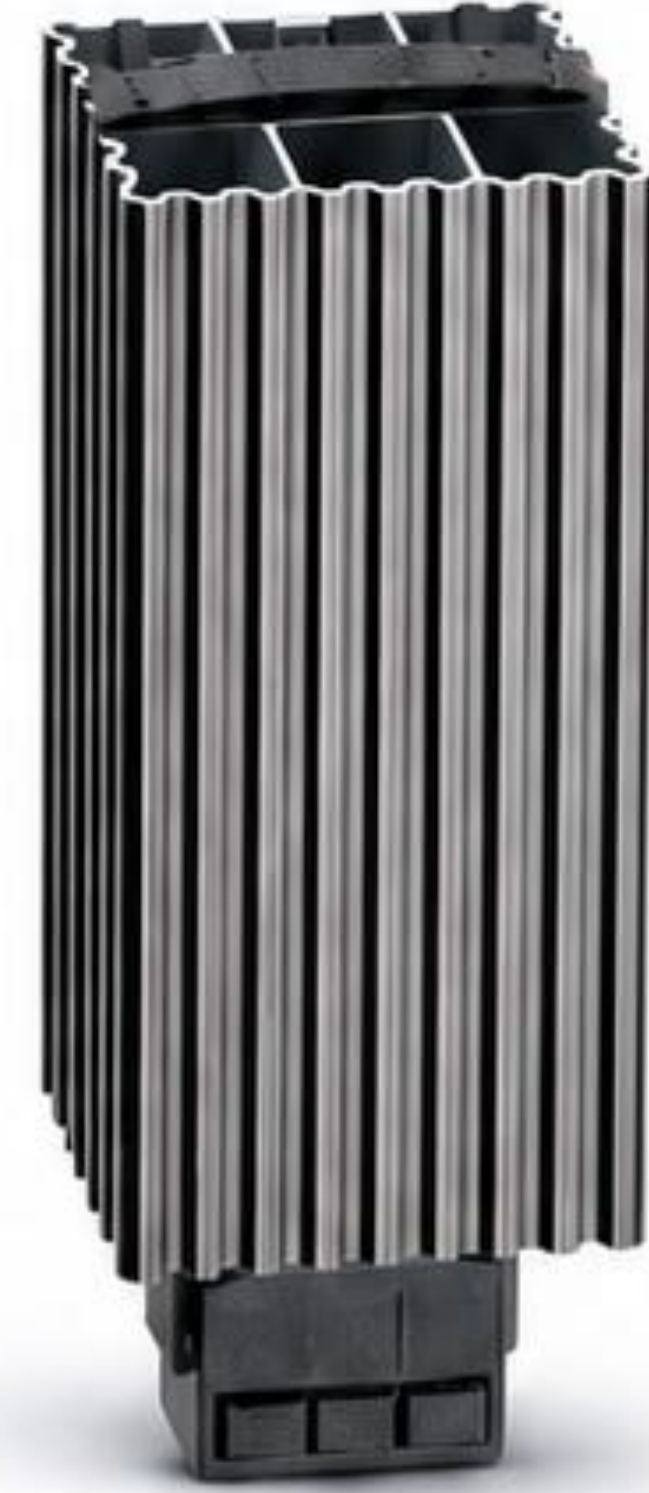
-  Pressure clamp connectors
-  Dynamic heating up
-  Wide voltage range
-  Energy saving
-  Clip fixing
-  Quick installation

These heaters are used in enclosures where damage from condensation must be prevented,

or where the temperature may not fall below a minimum value. The aluminium profile heater

body design has a chimney effect and distributes the heat evenly. The heaters are designed

for permanent operation. Pressure clamp connectors save time and simplify installation.



## TECHNICAL DATA

Operating voltage	: 120-240V AC/DC* (min. 110V, max. 265V)
Heating element	: PTC resistor - temperature limiting
Heater body	: extruded aluminium profile, anodised
Connection	: 3 pressure clamps for stranded wire 0.5-1.5mm <sup>2</sup> (with wire end ferrule) and rigid wire 0.5- 2.5mm <sup>2</sup>
Connection casing	: plastic according to UL94 V-0, black
Mounting	: clip for 35mm DIN rail, EN 60715
Fitting position	: vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	: -45 to +70°C (-49 to +158°F)
Operating/Storage humidity	: max. 90% RH (non-condensing)
Protection type/Protection Class	: IP20 / I (earthed)
Accessories	: -
Note	: other voltages on request

Heating capacity*	Inrush max.	Current Pre-fuse (time-delay)	T Length (L)	Weight (approx.)
15W	1.5A	1A	65mm	0.3kg
30W	3.0A	2.5A	65mm	0.3kg
45W	3.5A	2.5A	65mm	0.3kg
50W	3.5A	2.5A	65mm	0.3kg
60W	2.5A	2.5A	140mm	0.4kg
75W	4.0A	4A	140mm	0.5kg
100W	4.5A	4A	140mm	0.5kg
150W	9.0A	6.3A	220mm	0.7kg

\* at 20°C (68°F) ambient temperature

\* Operating with voltages below 140V AC/DC reduces heating performance by approx. 10%.

## TECHNICAL DRAWING

