

Natural Convection Heater



NCH-37000 Series



- ✓ Rugged Aluminium Extrusion Profile
- ✓ High Power Density Compact Design
- ✓ Self-Regulating Technology
- ✓ Safety by Temperature Limitations
- ✓ Fixing Clip can be Mounted Either at the Wide Side or at the Narrow Side

Applications

- ✓ Cash Points, Ticket Machines, Parking Ticket Terminals, Access Systems, Fuel Dispensers, and Portals of Energy, Building-Safety Systems, Building-Management Systems, and Landscaping Systems

These convection heaters and contact heating elements are based on PTC (Positive Temperature Coefficients) technology. A wide range of types with different designs and performances for various applications are available.

This product line is distinguished by design characteristics: limited temperature of external profile through thermal decoupling. Optimized convective heat transfer through chimney effect. Self-regulation through PTC technology. Approved safety on the basis of given temperature limitation. High reliability. No switching components.



NCH-37017801
shown actual size.

Specifications

Model No.	NCH-37017701	NCH-37017801	NCH-37018001	NCH-37018201	NCH-37018401
Rated Power at 10°C (50°F): Watt	30	50	60	75	100
External Profile Temperature (Approximate): °C (°F)	130 (266)	205 (401)	205 (401)	190 (374)	200 (392)
Voltage Range	110 to 240 Vac/Vdc				
Protection Class	II				
System of Protection	IP20				
Connection Cable 2 x 0.5 mm ² (0.08 x 0.02 in ²), Silicone	500 mm (19.7") long				
Dimensions: L x W x H, mm (inch)	65 x 70.7 x 24 (2.6 x 2.8 x 0.9)	95 x 70.7 x 24 (3.7 x 2.8 x 0.9)	125 x 70.7 x 24 (4.9 x 2.8 x 0.9)	175 x 70.7 x 24 (6.9 x 2.8 x 0.9)	
Weight: kg (lb)	0.13 (0.29)	0.14 (0.31)	0.19 (0.42)	0.24 (0.53)	0.34 (0.75)
Recommended Fuse (Time-Delay) 240V/110V	4 A/2 A	6.3 A/4 A	6.3 A/4 A	6.3 A/4 A	6.3 A/6.3 A

To Order

Model No.	Description
NCH-37017701	30W, 110 to 240 Vac/Vdc, 500 mm (19.7") lead
NCH-37017801	50W, 110 to 240 Vac/Vdc, 500 mm (19.7") lead
NCH-37018001	60W, 110 to 240 Vac/Vdc, 500 mm (19.7") lead
NCH-37018201	75W, 110 to 240 Vac/Vdc, 500 mm (19.7") lead
NCH-37018401	100W, 110 to 240 Vac/Vdc, 500 mm (19.7") lead

Comes complete with operator's manual.

Ordering Example: NCH-37017701, 30W, 110 to 240 Vac/Vdc natural convection heater.