

WIND LINE WITH AIR THERMOSTAT

The heaters of the WIND series are made from Aluminum to maximize heat transfer and utilize PTC in the heating process.

Fan operated to improve heat transfer in the enclosure.

PTC thermistors are designed to maintain their temperature, keeping heaters constantly stable.

Below what makes exclusive the characteristics of the WIND series heaters:

- All heaters are equipped by proper AIR thermostat (not adjustable, T set 25 or 40°C).
- Identical power supply both for PTC and fan operated unit: 110 - to 230 V ac-dc.
- Safety Touch technology ensures a limited surface temperature (max 70°C @ 20°C room T) making it safe to the touch.

On request heaters can be equipped with:

- 1 NC auxiliary contact to monitor the proper operation of the unit.
- Led signal lamps

The heaters are equipped with spring-loaded terminals for quick connection.

All the heaters are designed according to IEC EN 60335-1 standard and applicable for industrial use only.



TECHNICAL DATA

Heating power	250 - 350W
Voltage supply	110 - 230 Vac-dc
Voltage insulation	2000V * (50Hz, 1 min)
Heating element	PTC
Heat sink / Plastics material	Al 6061 / UL94 V0
Axial Fan	Sleeve bearing - high flow rate
Flow rate / duration	2x13 m3/h - 50.000 h
Protection class	I - IEC 60335-1
Protection degree	IP20
Max surface temperature	70 °C @ 20°C**
Operating temperature	-10 +60 °C
Storage temperature	-20 +70 °C
Max wire section	2.5 mm ²
Mounting	35mm DIN rail

* 2500V available on request

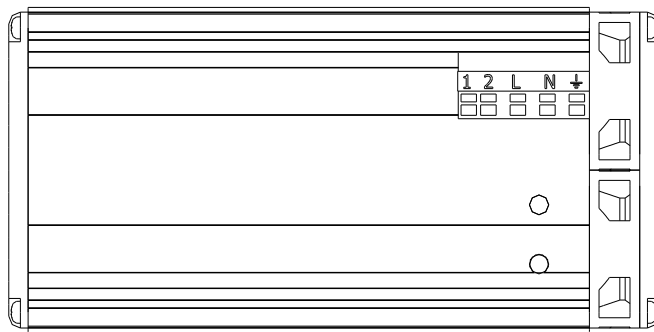
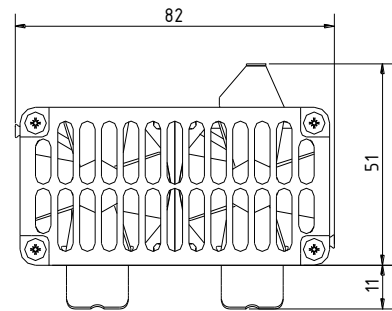
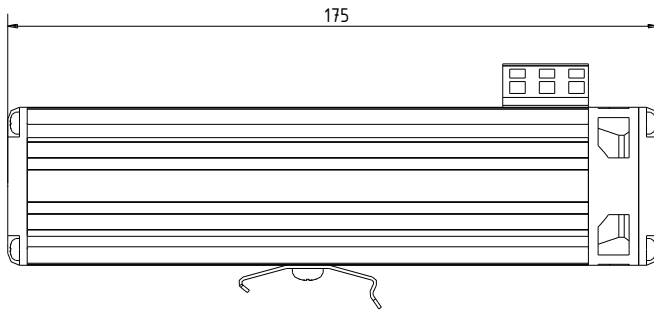
** Room Temperature

Aux contact (optional)	1NC
Max switch current / cycles	5A / 6.000
Signaling leds (optional)	Main status, thermostat status

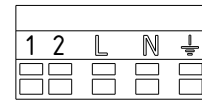
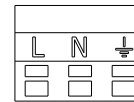
MODELS

Type	u.m.	W2250	W350
Heating	W	250	350
Dimensions LxHxD	mm	175x82x51	175x82x51
Thermostat / Set point	°C	fixed/ 25 o 40	fixed/ 25 o 40
Weight	kg	0,6	0,65
In rush current	A	7,0-9,0	8,0-10,0
Protection fuse	A	6	6

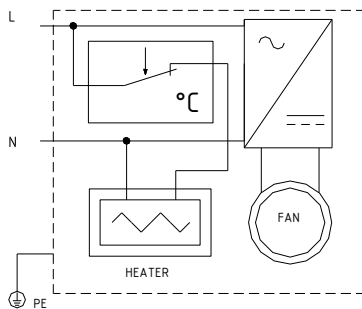
DRAWINGS



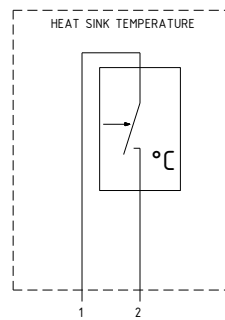
TERMINAL BLOCKS



ELECTRICAL CIRCUIT



AUXILIARY CONTACT



EXPERT'S TIPS

- Place the heater in the lower part of the enclosure, to favor the thermal convection.
- Keep a safe distance of at least 150mm between the heater and electrical devices.
- Visually check that the heater is not closed in a niche or obstructed by other components, in order to uniformly distributed the heat.
- Avoid any possible contact between the heater and wiring cables.