

# Enclosure heaters



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Enclosure heaters to regulate relative humidity, prevent temperatures from dropping below the dew point and stop condensation forming inside the enclosure. This prevents consequential damage associated with corrosion or electrical short circuits.

**Material:**

- Aluminium, anodised

**Protection category IP to IEC 60 529:**

- IP 20

**Protection class:**

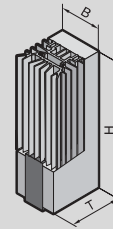
- II (all-insulated)

**Supply includes:**

- PTC heater
- Quick-connection terminal
- Assembly parts

**Note:**

- A thermostat is recommended for precise temperature control inside the enclosure
- In order to prevent condensation on assemblies, a hygrostat is recommended to regulate heating
- In larger enclosures, even heat distribution is best achieved by installing several low-output heaters



**Approvals:**

Available on the Internet

## Continuous thermal output 10 – 150 W, without fan

Model No.	Packs of	3105.310	3105.320	3105.330	3105.340	3105.350	3105.360	3105.370	Page
Width (B) mm		45	45	64	64	64	90	90	
Height (H) mm		120	120	155	155	230	165	180	
Depth (T) mm		46	46	56	56	56	75	75	
<b>Continuous thermal output at T<sub>u</sub> = 10 °C W</b>		<b>8 - 10</b>	<b>18 - 20</b>	<b>23 - 30</b>	<b>49 - 50</b>	<b>63 - 75</b>	<b>86 - 100</b>	<b>130 - 150</b>	
Rated operating voltage V, ~, Hz		110 - 240, 1~, 50/60	110 - 240, 1~, 50/60	110 - 240, 1~, 50/60	110 - 240, 1~, 50/60	110 - 240, 1~, 50/60	110 - 240, 1~, 50/60	110 - 240, 1~, 50/60	

**Accessories**

Thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	3110.000	3110.000	3110.000	547
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	3118.000	3118.000	3118.000	547
Digital enclosure internal temperature display and thermostat	1 pc(s).	3114.200	3114.200	3114.200	3114.200	3114.200	3114.200	3114.200	546
Bottom-mounted adaptor	1 pc(s).	3110.200	3110.200	3110.200	3110.200	3110.200	3110.200	3110.200	548



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Enclosure heaters to regulate relative humidity, prevent temperatures from dropping below the dew point and stop condensation forming inside the enclosure. This prevents consequential damage associated with corrosion or electrical short circuits.

**Material:**  
– Plastic

**Protection category IP to IEC 60 529:**

– IP 20

**Protection class:**

– II (all-insulated)

**Supply includes:**

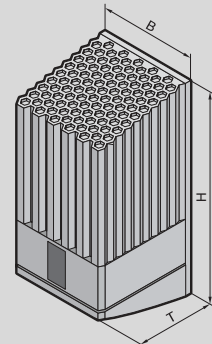
– PTC heater with fan  
– Assembly parts

**Note:**

- A thermostat is recommended for precise temperature control inside the enclosure
- In order to prevent condensation on assemblies, a hygrostat is recommended to regulate heating
- In larger enclosures, even heat distribution is best achieved by installing several low-output heaters

**Approvals:**

Available on the Internet



Climate control

## Continuous thermal output 235 – 800 W, with fan

Model No.	Packs of	3105.410	3105.380	3105.420	3105.390	3105.430	3105.400	Page
Width (B) mm		103	103	103	103	103	103	
Height (H) mm		200	200	200	200	200	200	
Depth (T) mm		103	103	103	103	103	103	
<b>Continuous thermal output at T<sub>u</sub> = 10 °C 50/60 Hz W</b>		<b>235 / 250</b>	<b>250 / 265</b>	<b>355 / 400</b>	<b>400 / 415</b>	<b>710 / 800</b>	<b>800 / 870</b>	
Rated operating voltage V, ~, Hz		115, 1~, 50/60	230, 1~, 50/60	115, 1~, 50/60	230, 1~, 50/60	115, 1~, 50/60	230, 1~, 50/60	
<b>Accessories</b>								
Thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	3110.000	3110.000	547
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	3118.000	3118.000	547
Digital enclosure internal temperature display and thermostat	1 pc(s).	3114.200	3114.200	3114.200	3114.200	3114.200	3114.200	546