

Anti-Condensation Heater

PTC self-regulating thermistors (Positive Temperature Coefficient)

Natural ventilation

R7 EH


MODEL

EH

APPLICATION

- Cabinets for Electrical Distribution
- Cabinets for Industrial Automation
- Communication displays

FEATURES

- With cable or terminal block
- Wide range input voltage
- Input voltage 110-230 VAC
- Two versions: with terminals and with cable
- Din Rail mounting

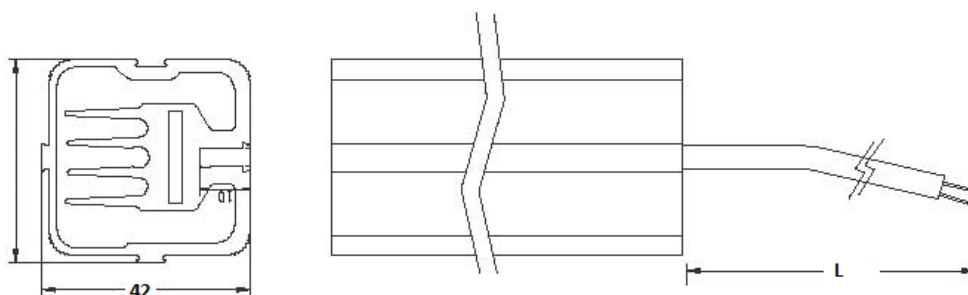
DESCRIPTION

Anti-condensation heater avoids condensation inside the electrical cabinets by maintaining the temperature above the dew point.

The PTC anti-condensation heater is self-regulating and prevents inconsistent temperatures inside the control cabinet.

	TECHNICAL SPECIFICATIONS	UNIT	VALUE
1.	HEATING ELEMENT	--	PTC Thermistor
2.	RATED VOLTAGE	Vac	230
3.	RATED VOLTAGE RANGE	Vac	110 - 240
4.	HEATING POWER @230VAC	W	See table
5.	TOLERANCE on nominal heating power	%	10%
6.	FREQUENCY	Hz	50-60
7.	OPERATING TEMPERATURE	°C	-30° +60°
8.	STORAGE TEMPERATURE	°C	-40 +90°
9.	PROTECTION DEGREE IEC 60529	IP	IP 20
10.	CONNECTIONS - TERMINAL-BLOCKS L-N-PE	mmq	0,5 – 2,5
11.	OVERVOLTAGE CATEGORY according to EN 60335-1	--	II
12.	ISOLATION VOLTAGE (1' min)	Vac	2500
13.	APPLICABLE STANDARD	--	EN 60335-1
14.	HEATSINK	--	Black anodized extruded aluminium profile
15.	MOUNTING according to EN 50022	--	DIN-RAIL 35mm
16.	WEIGHT	Kg	See table
17.	MARKING	--	CE

DIMENSION



CABLE VERSION: lenght 65cm

CODE	DESCRIPTION Specify with cable or terminal block	NOMINAL POWER [W]*	VOLTAGE [Vac]	Dim L /H/W [mm]	WEIGHT [Kg]	FIG
R7030230	ANTI-CONDENSATION HEATER EH	30	110/240V	78/42/42	0,250	A
R7050230	ANTI-CONDENSATION HEATER EH	50	110/240V	124/42/42	0,300	A
R7100230	ANTI-CONDENSATION HEATER EH	100	110/240V	144/42/42	0,550	A

* The power value is indicative and depends on the operating temperature due to the non-linear behaviour of PTC technology.