

# Heaters

Heaters are useful to avoid too much condensate water into the switchgear or an excessively low temperature. The heaters are made of aluminum to maximize heat transfer and utilize PTC heating elements.

- Suitable for installation on 35mm DIN rails,
- With fan in TH version
- To be used in combination with a thermostat or hygrostat
- Certifications: CE



CODE	M.U.	EH020	EH030	EH050	FH101	FH151	TH150	TH300	TH450	TH600
Heating capacity	W	20	30	50	100	150	150	300	450	600
Power Supply	V	110 - 230	110 - 230	110 - 230	110 - 230	110 - 230	230	110 - 230	110 - 230	110 - 230
Max Current	A	1.0 - 1.5	1.0 - 1.5	1.0 - 1.5	3.0 - 3.5	5.0 - 6.0	5.0 - 6.0	8.0 - 10.0	8.0 - 10.0	9.0 - 12.0
Fuse		2	2	2	2	4	4	4	4	6
Dimensions	mm	124x41x41	124x41x41	150x41x41	144x62x87	170x62x87	145x41x51	115x80x96	140x80x96	140x80x96
Weight	kg	0,2	0,2	0,3	0,55	0,7	0,5	0,65	0,75	0,9
Connection Type		terminal board	terminal board	terminal board	spring terminal	spring terminal	terminal board	spring terminal	spring terminal	spring terminal

# Thermostats

Devices for cabinet temperature control, with DIN bar installation.

**TMF** (blue setting screw) = with normally open contact. It can be used for signalling temperature alarms or for controlling ventilation systems.

**TMC** (red setting screw) = with normally closed contact. Can be used either as an alarm signal or to control heating or anti-condensation heaters.

**TEM** = to be electrically powered, differs from the previous ones in that it has changeover contacts, a very low tripping differential or hysteresis.



Certifications: CE

CODE	M.U.	TMC	TMF	TEM
Temperature Range	°C	-10 / +80	-10 / +80	+5 / +60
Power Supply	V	110 - 230	110 - 230	230
Dimensions	mm	71 x 35 x 47	71 x 35 x 47	65 x 50 x 61
Switching contact resistive load opening/closing	A	10	10	10 / 5
Accuracy	°C	± 3	± 3	± 1
Thermal Gradient	°C	1	1	1
ON/OFF Differential temperature	K	- 3	- 3	0,5
Contacts	n°	2	2	3
Contacts Position	-	NC	NO	NC / NO
Protection Degree	IP	20	20	20
Weight	g	36	36	100
Electrical Connections	n x Ø	2 x 2,5 mm	2 x 2,5 mm	4 x 2,5 mm
Fixing system	-	DIN 35/15	DIN 35/15	DIN 35