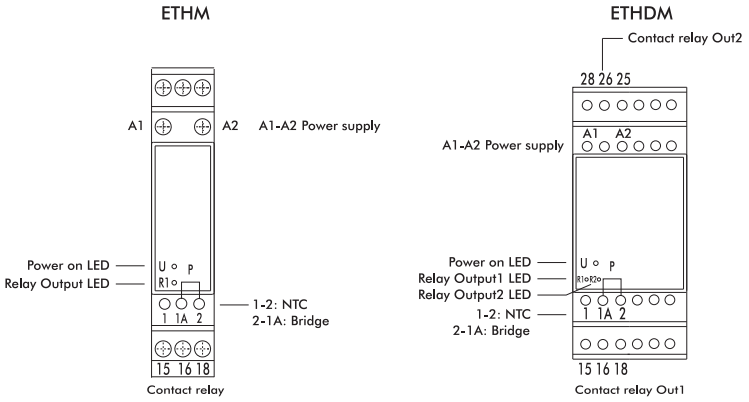
ETHM - ETHDM

TEMPERATURE CONTROLLERS

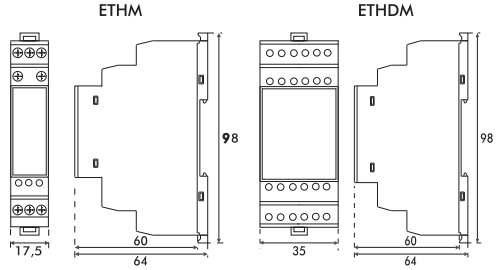
Compact Size - 1 DIN Module (17,5mm) or 2 DIN modules (35mm)
Supply 20-30 VAC/DC or 200-240 VAC
Din rail mounting
Analog temperature adjustment
Suitable for temperature control inside electric panel
(Fan control and resistor control)
One or two independent NTC probe inputs
1 relay output x 8A (ETHM10,ETHM14),
2 relay outputs x 16A (ETHDM10, ETHDM14)

Features	Unit	ETHM10	ETHM14	ETHDM10	ETHDM14
Power supply	V	200-240 VAC	20-30 VAC/DC	200-240 VAC	20-30 VAC/DC
Input	-	NTC (10k - 25°C)			
Relay	-	1 SPDT output (8A)		2 SPDT outputs (16A-AC1)	
Control	-	ON/OFF			
Measurement range	°C	NTC -20 ~ +60°C			
Sampling rate	Hz	12			
Symmetric hysteresis	-	Adjustable from +1 to +5°C on both outputs			
Operating temperature	°C (°F)	-20/+65 (-4/+149)			
Operating humidity (no condensate)	RH%	30 ~ 95			
Housing	-	self-extinguishing plastic UL94V0			
Dimensions HxWxD	mm	17.5x64x98mm - 1 Din rail module		35x64x98mm - 2 Din rail module	
Connessions	-	2.5 mm² screw terminal block			
Mounting	-	Clip for mounting on DIN rail 35 mm EN50022			
Conformity/Certifications	-	CE			
Weight (with packaging)	Kg	0,045 (0,055)		0,070 (0,090)	

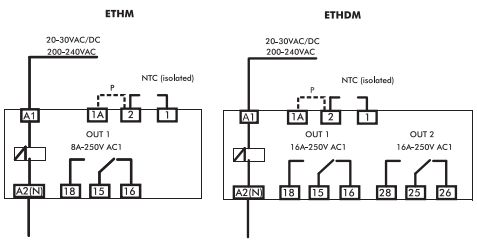


The ETHDM10 and ETHDM14 are factory equipped with an integral NTC on the thermostat (terminals 1-2) and a bridge between terminals 2 and 1A.
In this confi guration the two set points of outputs OUT1 and OUT2 will refer to the temperature measured by the integrated NTC probe.
Replacing the bridge between terminals 2 and 1A with a second NTC probe, output OUT1 will be controlled by the temperature measured at NTC probe 1 (on the thermostat), output OUT2 will be controlled by the temperature measured at NTC probe 2 (terminals 2 and 1A).

DIMENSIONS (mm)



WIRING DIAGRAM



Specifications, values and drawings are subject to change without notice.