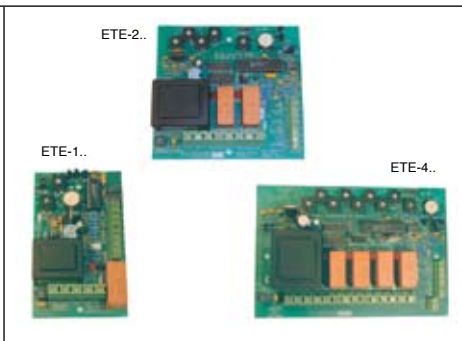


**ELECTRONIC THERMOSTATS
1-2-3-4 STAGES**

ETE..

These products monitor the temperature of air/liquid & control multiple heating/cooling or other units in response to temperature changes according to the model used. The set-point is adjustable via the dial on the pcb. All units can be used with a wide range of remote accessories.



ALL SUPPLIED AS PCB ONLY FOR DIN RAIL HOLDER OR ENCLOSURES - SEE BELOW

*Protection with enclosure IP65
Supply 230VAC 50/60Hz
Volt free contacts
LED indication
Terminals 0.5-2.5mm
Enclosure Flammability = UL94-V2

Type	Stages	Range °C	Diff per Stage °C	Diff. Between Stages °C	Supply ± 10%	230VAC SPDT	Time Delay	Power Consumption	Protection
ETE-150	1	-10/+50	0.5/10 adj.		230VAC	10(3)A	-	<2VA	IP00*
ETE-195	1	25/+95	0.5/10 adj.		230VAC	10(3)A	-	<2VA	IP00*
ETE-250	2	-10/+50	0.5/5 adj.	0.5/15 adj.	230VAC	2x 10(3)A	1-200s	<3VA	IP00*
ETE-295	2	25/95	0.5/5 adj.	0.5/15 adj.	230VAC	2x 10(3)A	1-200s	<3VA	IP00*
ETE-450	4	-10/+50	0.5/3 adj.	0.5/6 adj.	230VAC	4x 10(3)A	1-200s	<5VA	IP00*
ETE-495	4	25/95	0.5/3 adj.	0.5/6 adj.	230VAC	4x 10(3)A	1-200s	<5VA	IP00*

OPTIONAL L24 = 24VAC supply

N = Night Setting adj 0-40 C on ETE-150/250/450 only. Via time switch (not supplied)

FOR USE WITH E10.. RANGE OF SENSORS, REMOTE ADJUSTERS & DISPLAYS - SEE SEPARATE DATA SHEET

DIMENSIONS:

Type	PCB ONLY				WITH DIN RAIL HOLDER			WITH IP65 ENCLOSURE		
	H	W	D	Mtg Centres	H	W	D	H	W	D
ETE-1..	108	64	30	90	118	70	60	125	75	75
ETE-2..	108	115	32	90	118	121	62	125	125	75
ETE-4..	108	160	36	140	118	166	66	125	175	75

ACCESSORIES:

EE-M1T Enclosure for ETE-1..

EE-M2T Enclosure for ETE-2..

EE-M3T Enclosure for ETE-4..

ENCLOSURES SUPPLIED WITH TRANSPARENT LID

EE-DR1 Din Rail Holder for ETE-1..

EE-DR2 Din Rail Holder for ETE-2..

EE-DR3 Din Rail Holder for ETE-4..

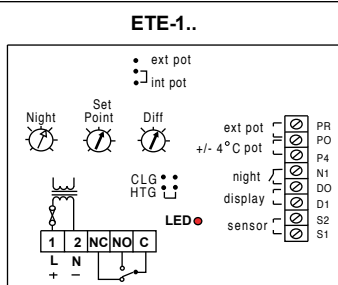


EE-M..T



EE-DR..

WIRING:

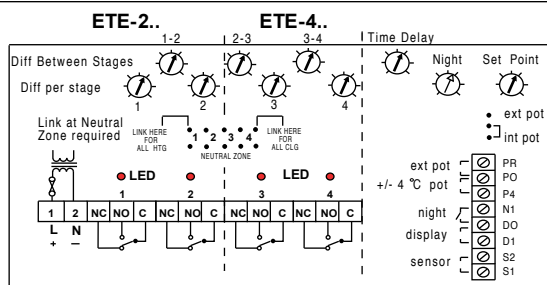


Fit link to CLG C-NO make on rise
Fit link to HTG C-NO make on fall

Override - Sensor terminals open:
HTG : contacts C-NO close C-NC open
CLG : contacts C-NC close C-NO open

Override - Sensor terminals linked:
HTG : contacts C-NC close C-NO open
CLG : contacts C-NO close C-NC open

INT POT : Fit link here when using the setpoint dial on the pcb or the remote ±4 C adjuster.
EXT POT: Fit link here when using a front panel mounting full range set point adjuster.



HTG ONLY : Wire terminals C-NO. Fit selector link to ALL HTG
CLG ONLY : Wire terminals C-NO. Fit selector link to ALL CLG

HTG & CLG: From required neutral zone (NZ) wire CLG to lower stages (downwards) & HTG to higher stages (upwards). HTG and CLG stages can be selected as required.

NEUTRAL ZONE : Set via diff. between HTG/CLG stages When power is switched on unit starts from the neutral zone. Fit the link at the desired NZ.

TIME DELAY : Allows a fixed time period between each stage switching on or off

OPTIONAL : Night setting - This is enabled upon contact closure on terminals N1 - D0

INSTALLATION:

Min sensor cable size 7/0.2mm Max length 100m. Keep away from power cables/units which may cause interference.
Screened cable is recommended. The screen should be earthed at controller end only. Size power supply cables according to load.