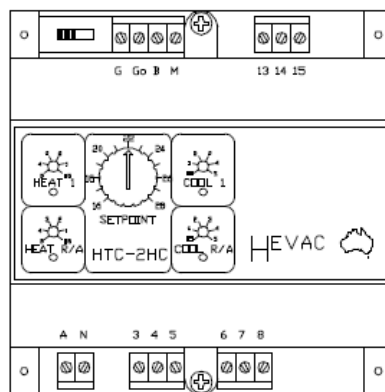


HTC SERIES

HTC-2HC

1 HEAT/1 COOL
CONTROLLER with
MODULATING HEATING and
COOLING OUTPUTS



The HTC-2HC temperature controller is primarily designed for the control of 1 Heat and 1 Cool air-conditioning units, and also incorporates a heating and cooling 0-10 VDC modulating output.

These outputs can be used to modulate either hot water or chill water valves.

The HTC-2HC controller is ideally suited for DIN rail mounting in a switchboard, or directly inside the A/C unit if required.

Features

- Australian made and designed.
- Dual supply voltage 24v or 240v A.C (User Selectable)
- 10 AMP (resistive) Potential free relay contacts.
- L.E.D Indication of all outputs.
- Various remote sensor options available.
- Mounts in most M.C.B enclosures.
- Modulating 0-10 VDC Heating and Cooling outputs.

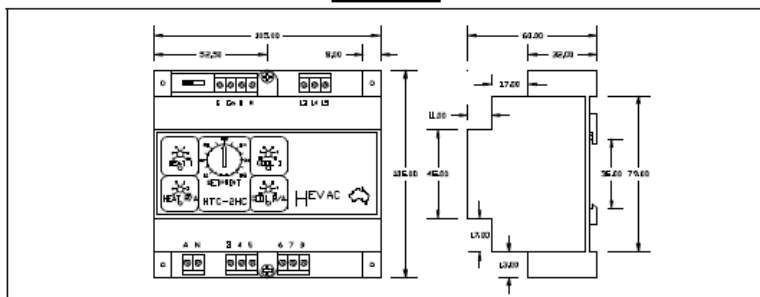
HEVAC CONTROLS

HTC-2HC Technical Specifications

Power supply (User Selectable)	24VAC or 240VAC
Power consumption 240 volts	7 VA
Power consumption 24 volts	1 VA
Modulating Heating and Cooling output	0-10 VDC from Setpoint
Modulating Heating & Cooling Proportional Band	1.0 Degrees Celsius
Heating and Cooling relay outputs	240VAC 10 amp resistive, 3 amp inductive
Temperature range	16 to 28 Degrees Centigrade
Switching differential for STAGE 1 Heat & Cool	0.3 Degrees Centigrade
Stage start point adjustment range	0.5 to 5.0 Degrees Centigrade
Output indication	Green LED for Cooling Red LED for Heating
(Intensity of LED varies with the Signal Output)	Green LED for 0-10VDC Cooling Red LED for 0-10VDC Heating
Mounting method	35mm DIN rail (Not supplied)

Dimensions

ALL DIMENSIONS IN MILLIMETERS



Terminal Designations

G	24 VOLT AC SUPPLY ACTIVE	A & N	240 VOLT AC SUPPLY
G0	24 VOLT AC SUPPLY GROUND REFERENCE	3	HEATING STAGE 1 OUTPUT
B	SENSOR INPUT	4	(HEATING STAGE 1 & R/V FOR COOL) COMMON
M	SENSOR INPUT COMMON	5	REVERSING VALVE FOR COOLING OUTPUT
13	Y SIGNAL	6	COOLING STAGE 1 OUTPUT
14	0-10VDC HEATING OUTPUT	7	(COOLING STAGE 1 & R/V FOR HEAT) COMMON
15	0-10VDC COOLING OUTPUT	8	REVERSING VALVE FOR HEATING OUTPUT

USE ONLY ONE SUPPLY VOLTAGE
EITHER 240V OR 24V A.C