

INSTALLATION AND OPERATING INSTRUCTIONS ECPOT RANGE

A range of potentiometers for the speed control of EC fan motors. The speed adjustment potentiometers are connected directly to the EC motor to provide stepless speed control by means of varying the 0-10v input to the fan motor. The potentiometer value on all our EC potentiometers is 10KΩ.

Features/options

- With or without on/off switch
- All models feature minimum speed preset
- Choice of plastic or stainless steel plate
- All models supplied with backing box
- Maximum level preset option on single gang versions
- Dual gang versions for simultaneous control of 2 fans

Installation.

Check that the speed controller supplied is compatible with the fan.

Install in a dry sheltered position. Do not install in close proximity to a heat source.

Remove the front cover of the controller by unscrewing the fascia fixing screws. This provides access to mounting holes and electrical terminals.

All wiring must be carried out by a suitably qualified and competent person and comply with current applicable regulations.

Minimum speed level preset.

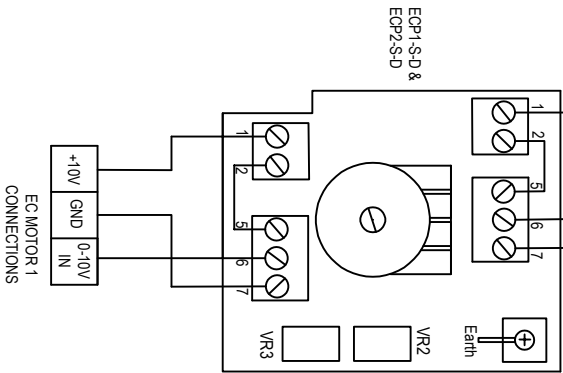
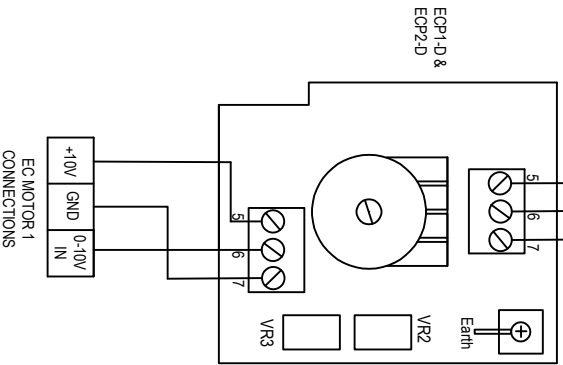
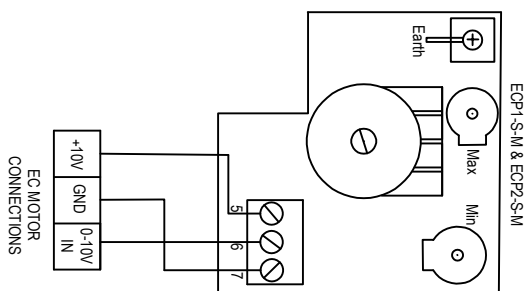
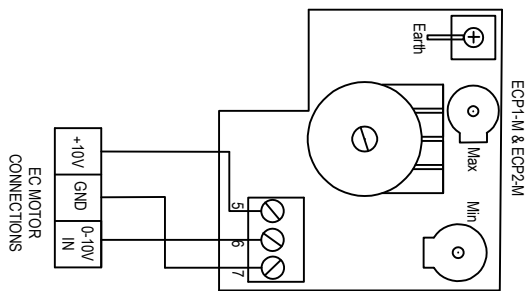
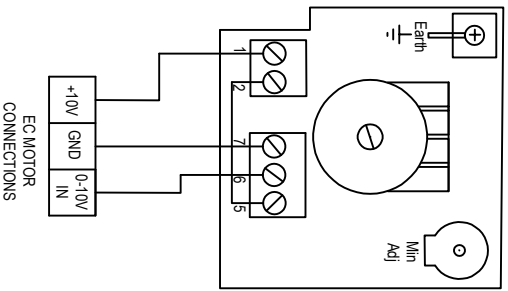
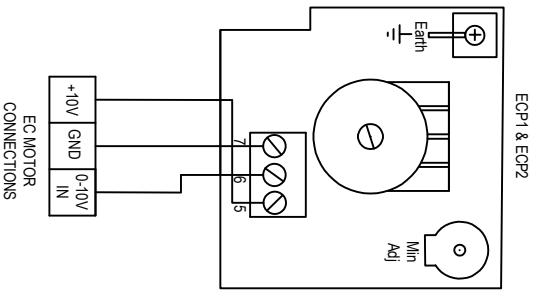
All models feature a minimum speed level preset. This can be used to set the 0-10vdc output level when the knob on the front is fully anticlockwise. The minimum level can be increased by turning the Min preset clockwise.

Maximum speed level preset (where fitted)

On models that have a maximum level preset fitted then this can be used to set the 0-10vdc output level when the knob on the front is fully clockwise. The minimum level can be increased by turning the Max preset clockwise.



Optional extra facilities	Model no/description/cost			
Single gang	ECP1: For 1 fan motor Min speed preset White plastic plate No on/off switch	ECP1-S For 1 fan motor Min speed preset White plastic plate With on/off switch	ECP2 For 1 fan motor Min speed preset Stainless steel plate No on/off switch	ECP2-S For 1 fan motor Min speed preset Stainless steel plate With on/off switch
Single gang with max speed pre-set	ECP1-M As ECP1 + max speed preset	ECP1-S-M As ECP1-S + max speed preset	ECP2-M As ECP2 + max speed preset	ECP2-S-M As ECP2-S + max speed preset
Dual gang	ECP1-D For 2 fan motors Min speed presets White plastic plate No on/off switch	ECP1-S-D For 2 fan motors Min speed presets White plastic plate With on/off switch	ECP2-D For 2 fan motors Min speed presets Stainless steel plate no on/off switch	ECP2-S-D For 2 fan motors Min speed presets Stainless steel plate With on/off switch



INSTALLATION MUST BE CARRIED OUT BY A SUITABLY QUALIFIED AND COMPETENT PERSON IN ACCORDANCE WITH CURRENT APPLICABLE REGULATIONS.

EARTH CONNECTIONS HAVE BEEN OMITTED FOR PURPOSE OF CLARITY AND MUST BE USED WHERE FITTED AND APPLICABLE

REFER TO FAN MANUFACTURERS INSTRUCTION FOR MAIN ELECTRICAL SUPPLY CONNECTIONS

DUAL EC POTENTIOMETERS WITH MIN SPEED PRESETS FITTED

VR2: MINIMUM LEVEL ADJUSTMENT FOR EC MOTOR 2: TURN ANTI CLOCKWISE TO INCREASE MINIMUM LEVEL

VR3: MINIMUM LEVEL ADJUSTMENT FOR EC MOTOR 1: TURN ANTI CLOCKWISE TO INCREASE MINIMUM LEVEL

REV	DATE	INITIALS	FIELD WIRING DIAGRAM EC-POT RANGE
A	06/09/22	AH	ORIGINAL SCHEME

Client: _____
Site: _____

Job No. _____ Dwg No. _____
Scale: NTS Site No. _____
Date: 06/09/22 Issue: _____ A
Drawn: AH Checked: AH

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