

MODEL PCU1 MULTI CHANNEL POINT CONTROL UNIT

WARNING: - THIS APPLIANCE MUST BE EARTHED. FOR INDOOR USE ONLY.

The controller should be regularly examined for potential hazards such as damage to the casing, cable or plug. In the event of any damage, the unit should not be used until the damage has been repaired. The unit should not be opened as it has no consumer repairable components. A repair service is available at the address shown below.

MAINS CABLE:

This unit is supplied fitted with a 3 amp fused plug. If this plug is not suitable for your supply, another plug must be fitted in the following manner: -

BLUE: To the small pin marked 'N' or coloured **Black**.

BROWN: To the small pin marked 'L' or coloured **Red**.

GREEN/YELLOW: To the large pin marked 'E' or by the symbol \perp

If any other type of plug is used, a 3 Amp fuse must be used in the mains circuit. If in doubt consult an electrician.

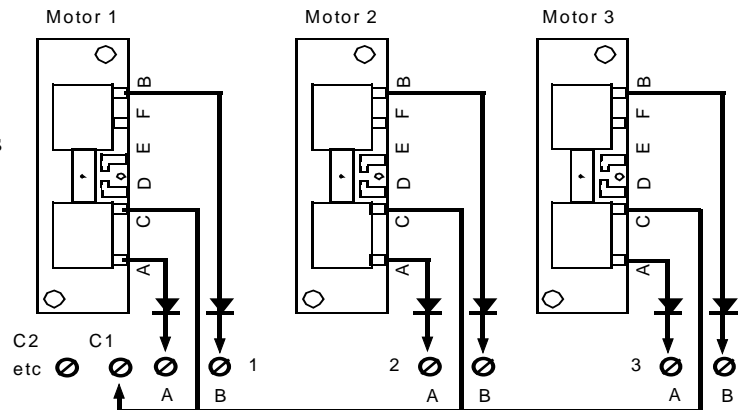
DIODE FITTING:

In order to avoid Back – feed problems we suggest that all point motors are fitted with diodes on the coil connections wires.

The diagram shows 3 point motors connected to one of the commons and the first tree switches, the diodes are represented by a shaded triangle with a line across one point and placed in series with the A and B out – put terminals and the coil connections on the point motor. When installing these it should be noted that a contrasting band will be to one end of the diode and should be placed facing away from the motor as shown by the thin line in the diagram.

20 diodes are supplied and are suitable for soldering or screw terminal connections and can be cut to length if required.

Additional diodes are part no. GM74



Diode 1N4002 Recommended.

CONNECTIONS TO POINT MOTORS:

This unit is designed to operate up to six individual or sets of solenoid point motors in three groups. Each group is selected by the front panel mounted rotary switch. Hence any given point motor switch can operate three motors or three groups of up to six motors. When sets of point motors are connected to one switch circuit (i.e. PCU1 terminals A & B + say common) they will operated simultaneously. Blank boxes have been provided on the label adjacent to each switch for the operators' own references/identification to be inserted. An auxiliary output has been provided to facilitate the addition of extra switching circuits. The gaugemaster Model 'PCU2' provides an additional three x seven circuits. There is no limit to the number of these 'slave' units that can be added.

Output 0-24v DC @ 1 Amp max. Auxiliary output not recommended for accessories other than PCU2.

GUARANTEE:

We undertake to replace, free of charge, any parts found defective within the lifetime of the unit, providing the item has not been tampered with and parts are still available for such a repair. This guarantee covers only the supply of replacement parts, labour cost for fitting of same and the cost of returning the unit to the customer or retailer. This Guarantee does not affect your Statutory Rights.

We reserve the right to vary design or specification without notice.

CONSTRUCTED TO EN60 742

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