

MODEL MCDU / PCSET

FOR INDOOR USE ONLY

The power supply should be regularly examined for potential hazards such as damage to the casing, cable or plug etc. In the event of any damage to the casing of the unit it should be replaced. Repairs to damaged cable and connector should only be carried out by a qualified electrician. The unit should not be used until the damage has been repaired. The units are sealed and having no repairable components should not be opened.

Contents

MCDU 1 x MCDU supply and MCDU unit attached.

PCSET 1 x MCDU supply and MCDU unit attached

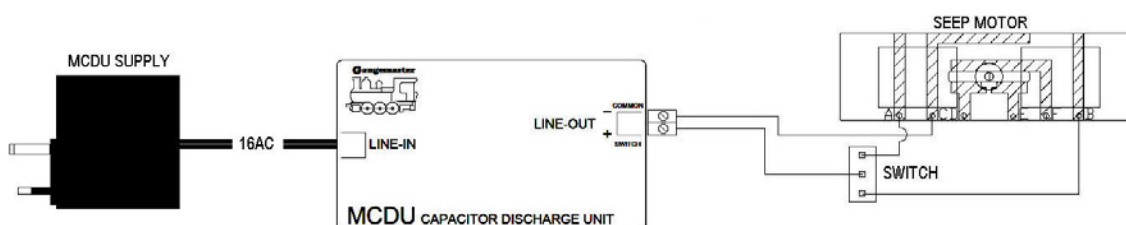
3 x PM-1 point motors

1 x GM10 wire

3 x GM510 Switches

Input: 220 – 240V AC at 50- 60Hz BS1363 flat pin moulded plug.

Output: 16V AC @ 1.1 Amps @ 25 deg C via the non removable line in cable.



BASICS

Above is a diagram of the MCDU connected to a Seep motor via our push to make switch as found in the PCSET, this diagram can also be used as a guide for users with other solenoid motors and switch mechanisms. As with all our Capacitor Discharge units the input (Line-In) is AC and the output is DC, for most users the polarity + / - is not important.

Inside each MCDU is a capacitor discharge circuit (CDU) that will give a burst of power to assist the motor operation, the CDU will not recharge unless the line out is made open by releasing the switch. This is an important safety feature of the unit and therefore any switches being used must break the circuit when not in use.

CONNECTIONS TO POINT MOTORS

One of the output wires should be used to power the switch(s) and the other as a common return from the motor(s). The coil connections on the motor should then attach to the output of the switch. Repeat these connections for additional point motors. Please check instructions for any devices being used. The MCDU has a removable plug and can accept bare wire and this should be secured via the terminal screws.

The PCSET has point motors; switches and wire which are designed for solder connections, all of these can be ordered separately if additional items are required.

OPERATION

Once all connections have been checked plug in the power supply, operating the switch will now move the motor from side to side. The MCDU has a safety cut out to protect itself and other components, in the event of an overload the unit will shut down. If this occurs switch off the power and remove the removable plug for a few minutes. Once cooled power up the supply and then re insert the plug, if any fault still exists it might be noticeable when the plug is initially inserted.

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.

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