

INSTRUCTIONS

for

SAFETY TRANSFORMER TYPE T15

MADE BY MECCANO LTD.

INPUT 220/250 volts, 50/60 cycles, 20 watts.

OUTPUTS X—15 volts 9 V.A.

Y—15 volts 6 V.A.

The T15 Transformer is an absolutely safe and virtually indestructible unit for supplying simultaneous low voltage A.C. outputs at 15 volts on two completely independent circuits X and Y.

INPUT. The three-core flex provided with this unit is intended to be used with a three-pin plug and socket. If your plug is of this type it should be connected as follows:

(a) Connect the red and the black flex leads to the terminals of the two smaller pins, marked L and N respectively, of the plug. These are the supply terminals. (b) Connect the green flex lead, which is the earth, to the E terminal of the remaining larger pin of the plug (see Fig. 1).

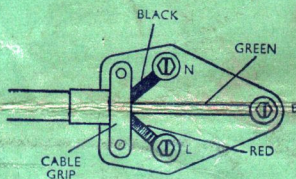


Fig. 1

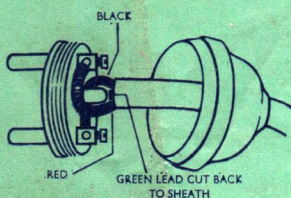


Fig. 2

If the plug is of the two-pin variety the red and the black flex leads **ONLY** must be connected. The green earth lead must be cut back to the sheath (Fig. 2).

ON NO ACCOUNT MUST THE GREEN EARTH LEAD BE CONNECTED TO EITHER OF THE SUPPLY TERMINALS

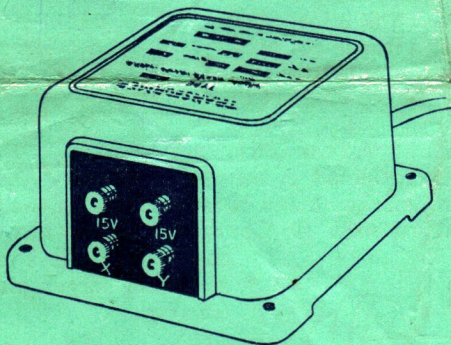
Unless you are confident of your ability to make the plug connections efficiently, we strongly recommend you to employ the services of a competent electrician.

OUTPUT X is intended for connection to an electric mechanism, motor, or controller that requires A.C. current at 15 volts. The controller is required when the speed and direction of the motor or mechanism is to be varied. If the motor requires D.C., the controller must include a rectifier.

The terminals of a motor suitable for working on A.C. at 12 to 15 volts, and containing its own control switch, may be connected directly to the X terminals of the Transformer.

OUTPUT Y is intended for connection to various electrically-operated accessories requiring a momentary current, and also to provide current for lighting miniature 15 volt lamps. Up to 10 such lamps, the number varying in accordance with their current consumption, may be illuminated simultaneously from this output circuit.

The rated output currents on circuits X and Y are, respectively, .6 and .4 amperes, but because of the special construction of the unit, overloading of either output, including short-circuiting of any or all of the output terminals, will do no harm.



Further advice on the use of this safety transformer may be obtained by writing to Information Service, Meccano Ltd., Binns Road, Liverpool 13.

MECCANO LTD. — BINNS ROAD — LIVERPOOL 13.