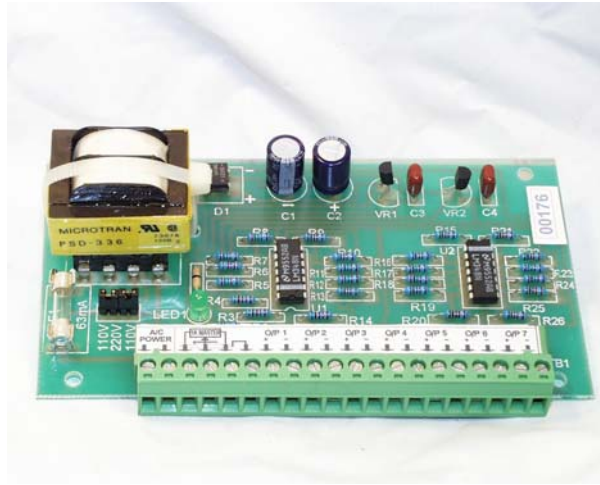


TORSPEC™



INSTALLATION AND SETTING UP MANUAL 1035TCP MULTI-REFERENCE CONTROLLER

WARNING

*Disconnect all incoming power before working on this equipment.
Follow power lockout procedures.
Use extreme caution around electrical equipment.
Do not touch the circuit board while power is applied.*

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Manufacturers & Suppliers of World Class Quality Variable Speed Drives & Controls

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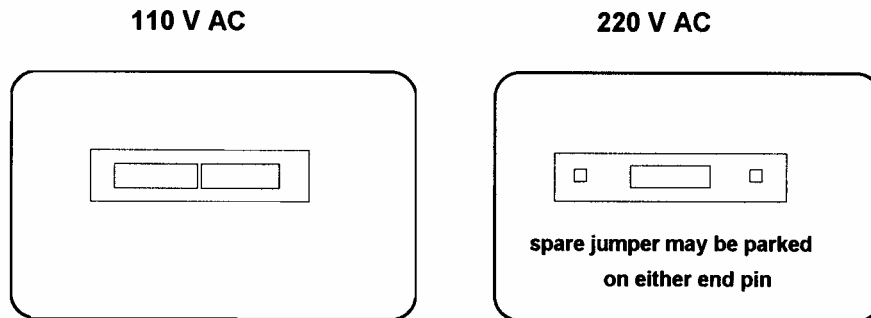
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INTRODUCTION

The purpose of this unit is to enable a number of Torspec drives to be controlled simultaneously with a single potentiometer. The unit will handle up to 7 drives, for more than 7 drives the units may be cascade connected to any number of drives.

POWER REQUIREMENTS

The input voltage is adjustable to suit 110V AC or 220V AC, selected by means of jumper settings as shown below, and connected to terminals 1 & 2. Short circuit protection is provided with a 1/16AMP (63mA) fast acting fuse.



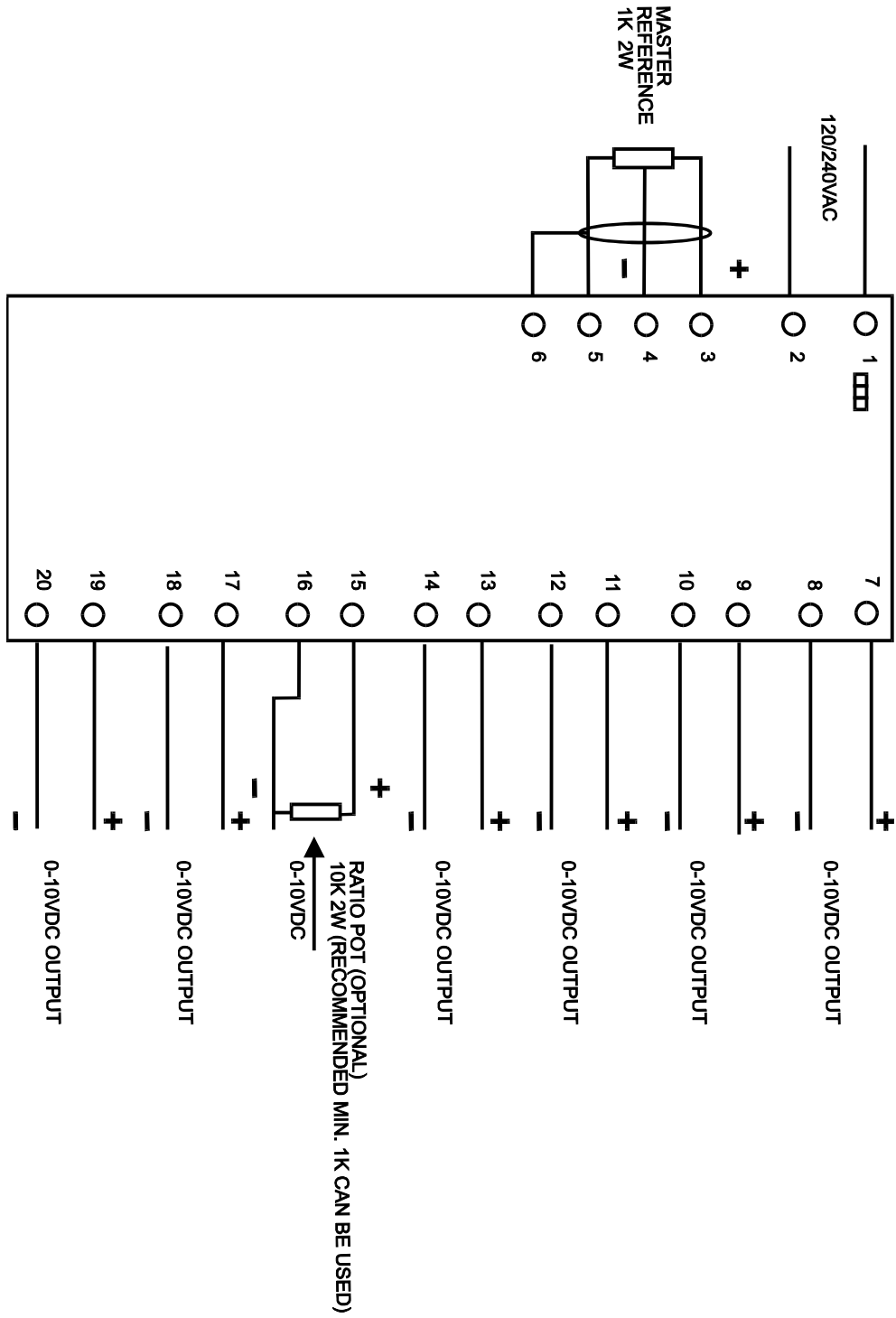
MASTER CONTROL

This is a 1K Pot. And it is connected with the Top contact to terminal 3, the wiper contact to terminal 4, and the bottom contact to terminal 5. If the connecting cable is longer than 1 foot, and then it should be shielded to prevent stray pick-up, the shield is connected to terminal 6. Clockwise rotation will increase speed.

OUTPUT

The 0 to 12V outputs are connected to their respective Torspec controllers via shielded leads with the high side (+) going to terminal A11, and the low side (-) and the shield going to terminal A12. The pre-set controls on each controller can be used to independently trim max. and min speed, torque, acceleration etc., as required.

TORSPEC 1035TCP CONNECTION DIAGRAM



1035TCP CONTROLLER DIMENSIONS

