



## TEXTRO ELECTRONICS

(TECHNOLOGY FOR LIFE)

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TEXTRO ELECTRONICS STARTED AS A HOME GROWN MANUFACTURING ORGANIZATION, NEEDS OF DOMESTIC ENGINEERING, TEXTILE, ELECTRICAL AND ELECTRONIC INDUSTRIES IN COIMBATORE AND GROWN RAPIDLY IN THE SPACE. TEXTRO ELECTRONICS IS PROUD TO HAVE PIONEERED IN MANUFACTURING OF DC DRIVES AND AC DRIVES IN INDIA WAY BACK 2005.

THE COMPANY WAS CERTIFIED UNDER TUV SUD SOUTH ASIA ISO IAS MSCB-119 QUALITY MANAGEMENT SYSTEMS. THE MAJOR PRODUCTS OF OUR COMPANY ARE AC DRIVES, DC DRIVES, DIGITAL UNITS, AND PANELS.

### SAFETY INFORMATION

**FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.**

#### DANGER! - Ignoring the following may result in injury

This equipment can endanger life by exposure to rotating machinery and high voltages.

2. The equipment must be permanently earthed due to the high earth leakage current, and the drive motor must be connected to an appropriate safety earth.

3. Ensure all incoming supplies are isolated before working on the equipment. Be aware that there may be more than one

supply connection to the drive.

4. There may still be dangerous voltages present at power terminals (motor output, supply input phases, DC bus and the brake, where fitted) when the motor is at standstill or is stopped.

5. For measurements use only a meter to IEC 61010 (CAT III or higher)

6. Allow at least 10 minutes for the drive's capacitors to discharge to safe voltage levels. Use the specified meter capable of measuring up to 1000V dc & ac rms to confirm that less than 50V is present between all power terminals and between power terminals and earth.

7. Unless otherwise stated, this product must NOT be dismantled. In the event of a fault the drive must be returned. Refer to "Routine Maintenance and Repair"

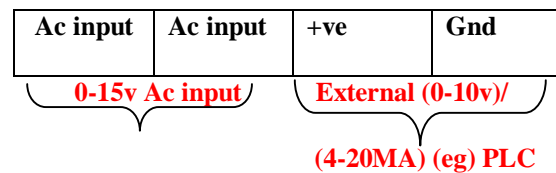
### FEATURES:

#### ISOLATION CARD:

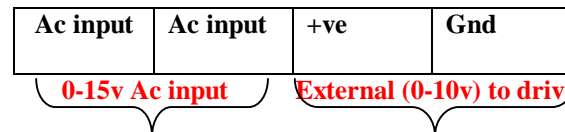
- ❖ This Card works under isolated input.
- ❖ It gives isolated (0-10v)DC Output
- ❖ Adjustable Trim Pot
- ❖ It is used to synchronized No. of drives

### CONNECTON DETAILS:

#### Card input details:



#### Card output details:

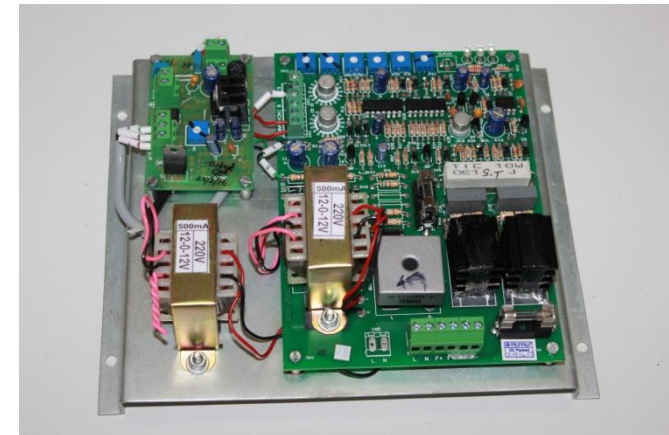


### FACTORS TO BE CONSIDERD:

#### How to install isolation card with drive:

- When Ac operating voltage is given to the card at input side of the ac terminal.
- At input side of the Dc terminal is connect the external (0-10v) variable or (4-20ma) like PLC (0-10v).
- Another isolated ac operating voltage is given to output side of Ac terminal.
- At output side of Dc terminal is connect (0-10v) variable is given to the drive at reference and gnd point of the potentiometer connector.

### DRIVE WITH ISOLATION CARD:



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