



HOW TO USE WITH SOME STEPS

STEP- 1

➤ APPLY 0-20V AC FROM STEP-DOWN TRANSFORMER TO CN2 CONNECTOR

STEP- 2

➤ APPLY CURRENT TRANSFORMER FROM DC OUTPUT TO CN1. (NOT IN USE)

STEP- 3

➤ APPLY FROM SHUNT CONTROL (DC OUTPUT – DC SHUNT) TO CN3.

STEP- 4

➤ APPLY IGBT CONNECTION WITH THE HELP OF CN4. (SOURCE, GATE, DRAIN)

↪ **STEP- 5**

- ↪ **APPLY 20–0–20V AUX AC FROM STEP-DOWN TRANSFORMER TO CN5**

↪ **STEP- 6**

- ↪ **APPLY DC FEEDBACK CONNECTION FROM DC OUTPUT TO CN6 - DC FEEDBACK**

↪ **STEP- 7**

- ↪ **AMENDMENT CHANGES RESISTOR (R10)**
100KΩ / 2W → FOR 96V – 180V
220KΩ / 2W → FOR 240V – 360V (SELECTIVE RESISTOR)

↪ **STEP- 8**

- ↪ **YOU CAN TAKE THE INDICATIONS FROM THE CONTROLLER (CN7) INDICATIONS LIST:**
 - » **GND**
 - » **Charging ON**
 - » **Rectifier System ON**
 - » **Mains ON**

↪ **STEP- 9**

- ↪ **AFTER YOU GIVE THE ALL CONNECTIONS THEM IT WILL CONNECTED TO MEASURING/ ADJUSTMENTS CURRENT/VOLTAGE WITH THE HELP OF TRIMPOT .**

↪ **STEP- 10**

- ↪ **YOU CAN SEE (IF YOU HAVE OSCILLOSCOPE/DSO FACILITY) TO MEASURE IN IGBT – GATE/SOURCE. CHANGES INTO THE DUTY CYCLE RATIO TUNNING TRIMPOTS (VOLTAGE/CURRENT)**