Electronic Cards workbench

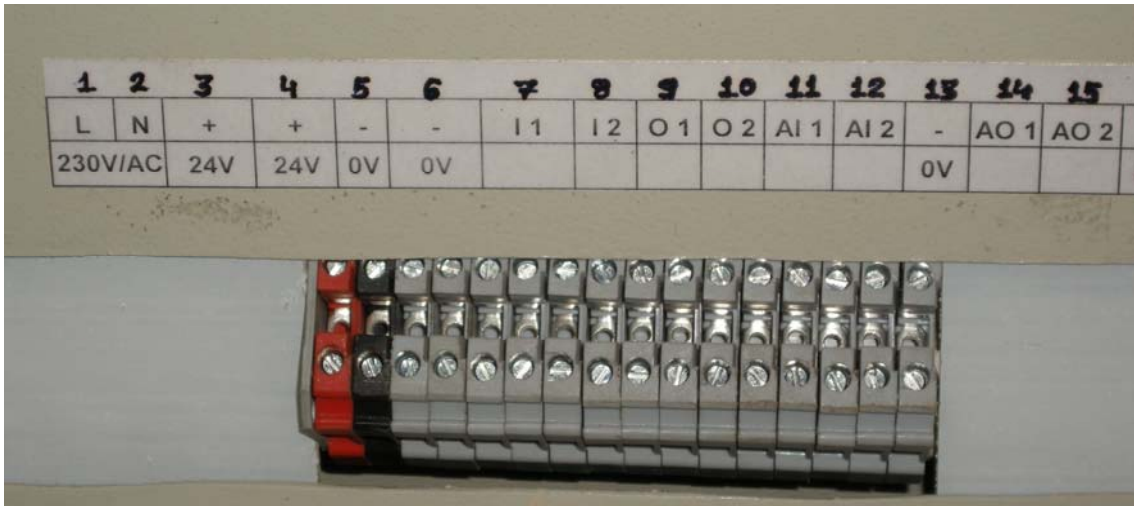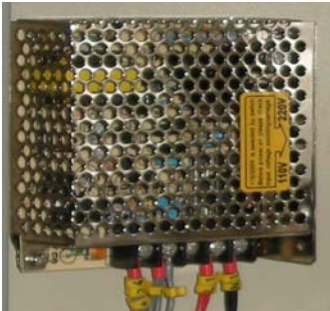| 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
L	N	+	+	-	-	I 1	I 2	O 1	O 2	AI 1	AI 2	-	AO 1	AO 2
230V/AC		24V	24V	0V	0V							0V		

Operating manual for card work bench

The card work bench consist the material below

1) Programmable Logic Controller
2) Digital In Put Connectors
3) Digital Out Put Connectors
4) Relay Card
5) S.M. P.S. for PLC

6) Analog In Put Connectors

7) Analog Out Put Connectors
8) Analog/Digital Selection Switch

9) SMPS On Indication Lamp

10) Digital In put/Out put indication Lamp

PLC having the future to accept the in put from your "Test Card" in terms of Digital or Analog Signal **any one at a time**

Procedure to Operate

Switch On the Power

PLC Starts & also 24 V Supply Lamp will glow

Kindly wait 1-2 minutes for warming up the PLC

Select the Digital/Analog Mode from Selection key on Front of panel

Put Selector switch in Digital

Display shows in put

All the input & out put shows in PLC is for External Device

Input means Out put from Panel & Input for External Device

Out put means In put for Panel & Out Put From External Device

Switch on the Signal 1 Indication Glow & same time PLC shows I/P 1 ON

Switch on the Signal 2 Indication Glow & same time PLC shows I/P 2 ON

Means you can take Digital Input for your device to test the same

You can also give Digital Input to Panel PLC form External Device

After applying the input signal to Panel PLC Display shows O/P Signal 1 ON

Same way applying the second input signal to Panel PLC Display shows O/P Signal 2 ON

This way you can "TEST" the External Device for Digital Signal

For Check the Analog Input /Out Put we provide the 2 signal accept by the PLC

1) 4 -20 mA (Current)
2) 0-10 V DC (Voltage)

For 4 -20 mA Current In put for external device will set from HMI at front

Press 1 to Reset the last value

Than put the value which require for Test the Device

E.g. if you need 12 mA than press 12.0 on display & press Enter

Display shows 12.0 & also give a 12 mA at out put connectors for check your external device

You may set any value between 4.0 – 20.0 for Test External Device

For 4 -20 mA Current Out put for external device will set from HMI at front

Press 1 to Reset the last value

Than put the value which require for Test the device

E.g. if you need 12 mA than press 12.0 on display & press Enter

Display shows 12.0 & also give a 12 mA at out put connectors for check your external device

You may set any value between 4.0 – 20.0 for Test External Device

For 0 -10 V Voltage In put for external device will set from HMI at front

Press 1 to Reset the last value

Than put the value which require for Test the Device

E.g. if you need 3.50 V than press 03.5 on display & press Enter

Display shows 03.5 & also give a 3.5 V at out put connectors for check your external device

You may set any value between 0.1 – 10.0 V for Test External Device

For 0 -10 V Voltage Out put for external device will set from HMI at front

Press 1 to Reset the last value

Than put the value which require for Test the device

E.g. if you need 3.5 V than set 3.50 on display & press Enter

Display shows 03.5 & also give a 3.50 V at out put connectors for check your external device

You may set any value between 0.1 – 10.0 V for Test External Device