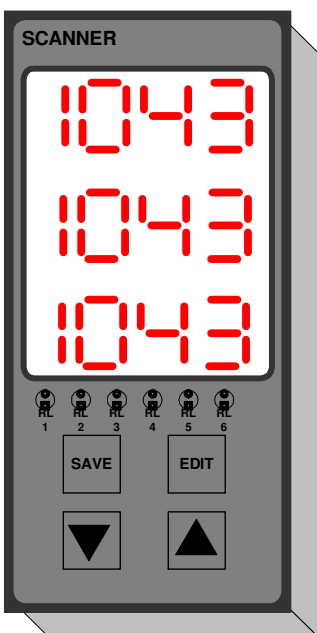
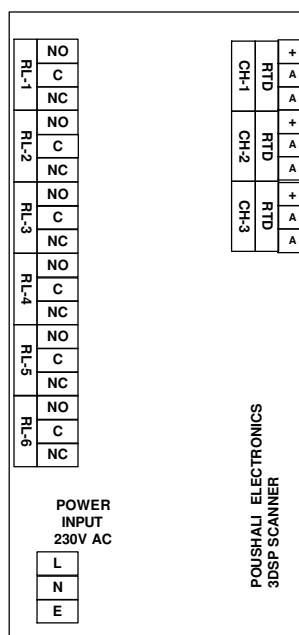


**INTRODUCTION**

The Poushali Electronics make Microprocessor based 3 Channel, Dual Set Point for each channel, Digital Indicating Controller has been designed to operate the equipment used for process (like temperature, pressure, %Rh, weight, level etc) control purpose in all types of modern Industries, specially in the POWER, CEMENT, METAL & STEEL, MATERIAL HANDLING sectors.

The controller is front panel mounting type and hazard free in operation. It is designed with Microprocessor and Op-amp ICs, which are reliable and give highly stable output, which provide steady and hazard free operation. All components used, are easily available to facilitate easy and cost effective maintenance.

The controller is having 3nos. “Process Display” along with Relay LED that provide visual indication for energized relay. It is also having four ‘Push Switch’ to program and set the control set point.

**TERMINAL DRAWING****SPECIFICATIONS**

Signal Input	:	RTD, Thermocouple, mA, Voltage
No. of Channel	:	3nos., Isolated
Display Range	:	up-to 4digits, as per input signal
Accuracy	:	0.5% of Full Scale
Potential Free Relay output	:	2Nos for each channel
Relay Contact	:	1CO, 3Amps for 220VAC / 10Amps for 24V DC
Power Supply	:	220V AC +/- 10%, 50 Hz ( 110V AC +/- 10%, optional )
Enclosure	:	Front Panel mounting type IP50
Size	:	192mm (W) x 192mm (H) x 150mm (D)
Cutout	:	184mm (W) x 184mm (H)
Ambient Temperature	:	Up to 55 Deg.C

Poushali Electronics

P/11A, second street, Modern Park, Kolkata – 700 075,

Ph: 9432249938/ 7003601074/ 033-2416 1320

Email: info@poushalielectronics.com