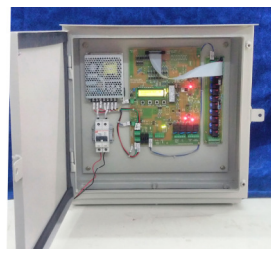
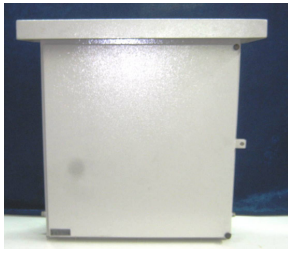


ON LINE SEQUENTIAL CONTROLLER WITH LCD DISPLAY Model No. : SCD200



INTRODUCTION:

The Poushali Electronics make Sequential Controller has been designed to operate the equipments used for dust collection purpose in modern Industries, especially in the POWER, CEMENT, METAL & STEEL, MATERIAL HANDLING sectors.

The controller is wall mounting type and hazard free in operation. It is designed in one no. of CPU card and 10 channel relay card as per relay output to facilitate easy operation and cost effective maintenance.

The controller is having a “Back Lit LCD Display”, “KEY Board” along with “Relay LEDs”, which provide visual indication for energized relay for the selective solenoids. Once switched ON the controller operates the solenoid valves with a certain time duration (ON time) measured in milli seconds and with a preset time interval measured in seconds (Off time). Every setting is field programmable.

It is also provided four Relay outputs.

- #1. “Timer Power On”
- #2. “Timer Running” Indication
- #3. “DP Lo” Indication
- #4. “Remote Start Fail”

If there is no Power, the “Timer Power On Relay” will be off.

If there is any unhealthy condition and timer is off, the “Timer Running Relay” will be off.

If DP becomes Lo, the “DP Lo Relay” will be on.

If there is no Remote Start Command, the “Remote Start Fai Relay!” will be on.

The controller is provided with two digital inputs along with LED indication. One for ‘Remote Start’ and another for ‘DP High’.

The controller has 2 fuses F1 & F2. Fuse F1 is 250mAmps for transformer and fuse F2 is for solenoid input current.

SAFETY MEASURES:

Enclosure IP54 with canopy.

Power Supply Card is fuse protected.

All Solenoid Outputs are fuse protected.

All Relay Contacts are surge protected by MOV.

SPECIFICATIONS:

No. of channel	:	Up-to 100 Nos. (Field Selectable)
On Time duration	:	50 milli seconds to 250 milli seconds
Off Time duration	:	5seconds to 125 seconds
Potential Free Relay output for solenoid operation	:	3Amps for 220VAC / 10Amps for 24V DC
Solenoid Power Supply	:	220V AC (110V AC / 24V DC optional)
Controller input Power Supply	:	220V AC +/- 10%, 50 Hz (110V AC +/- 10%, optional)
Enclosure	:	Wall mounting type IP55 enclosure.
Operating Temperature	:	0 to 55 Deg.C

Poushali Electronics

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