

DELUGE VALVE CONTROL PANEL

Profuse to Deluge

Model : MTS-DVCP

PRODUCT DESCRIPTION

The deluge valve panels are installed, along with deluge valves. The deluge valves are installed in fixed type of fire protection systems & are installed for quick activation, for releasing large volumes of water. Due to this reason, Deluge Valves are integral part of fire protection systems.

Deluge Valve Panel monitors Electrical interface between Fire alarm panel, Electrical switches and solenoid valves. This also indicates open circuit or short circuit condition and facilitates remote and local operations. The Deluge Valve Control Panel is Micro Controller Based Single / Multi Deluge Valve Release Panel. The Panel is suitable for Conventional/Addressable Fire Alarm System, by connecting to combination of Addressable Relay & Monitor Module.

The Panel accepts Inputs from Relay Output of any Conventional Fire Alarm Panel or any Devices/Equipment having Output as Normally Open Contact.

TECHNICAL SPECIFICATIONS

Main Power Supply	: 230VAC \pm 10%
Stand-By Power	: Battery Back-Up with Built-in Charger
Battery Operating Current	: 130 mA
Charger Capacity	: 7 Amp. Hour Battery.
Operating Supply	: 24VDC 2.2 Amps
Solenoid Output	: 0.5A @24VDC

PRODUCT CONSTRUCTION

The enclosure is of CRCA Sheet construction with powder coated finish.

The Provision for Cable entry, at the Side of Cabinet is of Size 17 mm dia, Knock outs. The Panel has provision for battery, to accommodate 2 Nos.12Volt 7Ah batteries, with Built-incharger.

The front Panel, is mounted with Components

20X4 line Dot Matrix LCD

LED indicators

Push Buttons

Optional : DV Control Panel can be offered with Hooter or Hooter cum Strobe.

PRODUCT FEATURES

The Panel monitors, Manual Push Button/Input from Remote FAS, for circuit open or short or active condition.

The status of Fire/Fault condition shall be monitored by Conventional/Addressable, Main Fire Alarm Panel through Monitor Module.

- Remote Signal : Relay Output to Monitor Module
- Operation Mode : Auto/Manual
- Manual Control : With Manual Push Button.
- Low Pressure : Header Pressure Low Status Monitor (Pressure Switch Status)

