



EPD

## FEATURES

- Designed to keep a check on proper functioning of the equipment like Fans, Pumps, Motors, Heater-banks etc
- Switches OFF equipment and switches ON an alarm incase of feed-back failure.
- Accepts feed-back from flow-switch, NO contact, etc
- Built-in time-delay to filter unwanted alarms
- Manual reset to prevent automatic restart
- Alarm-mute input

## BENEFITS

- Protects equipment and prevents accidents
- Switches-off heaters incase of air-flow stoppage or excessive heat
- Protects motors from burn-outs by
  - Preventing dry-running of pumps
  - Preventing free-running of motors incase of belt breakage

## TECHNICAL DATA

Operating Voltage	: 230 V AC, 1Ph, 50Hz
Mounting	: DIN Rail
Digital Inputs	: 2/3 x Opto-isolated, 230V AC
Digital Outputs	: 2/3 x Potential-free contacts, 3A/230V AC
Terminals	: Accepts Max. 2.5 sq. mm cable
Protection	: IP 30
Permissible Ambient Temp.	: -20°C to +40°C

## APPLICATION

It is designed to keep a check on the proper functioning of equipments like Fans, Pumps, Heater-Banks etc.

Feedback from equipment is used through a flow-switch, contactor, or thermostat etc, and if it fails, after a pre-set time delay, the equipment is switched OFF and alarm is switched ON.

Audio alarm is reset by pressing the alarm reset. Visual alarm is reset either by pressing alarm reset for more than 4 seconds or by switching OFF DI1 and then switching it ON again.

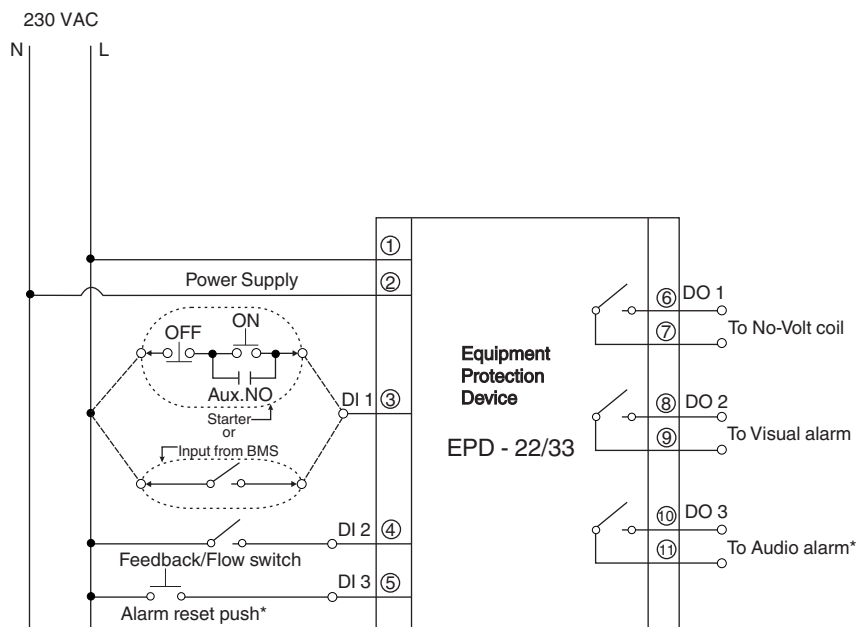
Digital Inputs :

1. Start of equipment
2. Feedback from equipment
3. Alarm reset (EPD 33 only)

Digital Outputs :

1. To equipment starter
2. To visual alarm
3. To audio alarm (EPD 33 only)

## WIRING DIAGRAM



\* Option in EPD 33 only