



TEC247
Automatic Extinguishing Panel

DESCRIPTION

This unit is housed in a lockable powder coated sheet metal enclosure and includes a mains to 24VDC power supply with backup battery charger. The fascia displays all control buttons and indication led's. This unit controls 3 fire zones and 1 gas area. Keyswitch for auto/manual release is housed on the fascia. One surface mount "Extinguishant Release" manual call point is supplied with the panel. All fire zones and sounder circuits are monitored for open and short circuit fault conditions. These are also provided with lightning protection devices. In addition to the two sounder outputs there are as standard - a fire brigade contact (voltage reversal), a change over alarm contact per zone, a common fault change over contact, a common fire change over contact and repeat contacts for discharge initiated + activated.

This panel can be networked.

SPECIFICATIONS

Operating input voltage	230 VAC (+-10%) or 24 VDC
Quiescent current @ 24 VDC	170 mA
Auxiliary output	24 VDC 1 Amp
Sounder output	2 x 24 VDC, Maximum of 350mA for both
Detector output	22 VDC
Detonator output	24VDC 5 min for solenoid version 5 sec for detonator version
Repeater output	RS 485 Modbus
Backup battery	2 x 7 aH 12 V sealed lead acid
Dimensions - (H x W x D)	322mm x 345mm x 75mm
Weight - (excl. batteries)	4.5 kg (approx)

FEATURES

- 3 Fire Zones includes 1 Gas area
- Membrane fascia with tactile switch
- Slimline cabinet
- Cable entry punch outs
- Microprocessor based
- Lightning protection
- RS 485 communications port
- Walk test function
- Evacuate function
- Auto isolate on short circuit fault

PERIPHERAL DEVICES

- Conventional smoke & heat detectors
- Sounders and warning devices
- Manual call points
- Flame, ember & gas detectors
- Linear heat detectors
- Optical beam detectors
- Relay boards, AC shutdown units and mimic panels