1-53836-K170

OMD Mk6 control unit, bulkhead mount

Product overview

The Graviner Mk6 OMD control panel is capable of monitoring up to 8 engines utilizing up to 64 detectors.

Each control panel provides a separate shutdown / slowdown for each engine.

In addition to monitoring the detectors oil mist levels the control panel also continuously monitors for faults which may occur. A separate relay output is provided to indicate a fault condition.

All alarms, faults and events are recorded in an event log which are date and time stamped indicating the type of event which can be analyzed at a later date.

A graphical LCD displays the engine and detector oil mist level and provides system status text. LED indication is also provided for the system and engine status, Membrane push buttons allow configuration and interrogation of the system as well as accept, reset alarms, isolate and de- isolate detectors if required.



Details

- The control panel can communicate with up to 64 detectors
- Up to 8 engines connect to a control panel for multi-engine systems
- A graphic LCD displays oil mist levels and status text
- The control panel membrane has coloured LED indication to show the status of the system and each engine
- Membrane plus buttons provide the capability to configure the system, accept, reset alarms, isolate and de- isolate detectors if required
- The Mk6 control panel has a separate alarm for each engine, a common alarm relay and a fault relay to indicate the presence of key oil mist levels
- Alarms operate independently for each engine, driving a set of volt free relay contacts
- Alarm relays can be connected to warning beacons or the automatic slowdown and / or shutdown circuitry for the associated engine
- An average oil mist level alarm can be set for each engine
- A deviation alarm level can be set for each detector
- Each control unit maintains an event log, recording up to 256 events

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Technical specifications

General

Status indicaton	Graphics LCD and LED status indication
Communication ports	8 x RS485 ports, one per engine
Maximum system capacity (device count)	up to 64

Electrical

Power supply type	24 VDC
Power consumption	5.2 W
Operating voltage	24 VDC (-25% / +30%)

Input

Input quantity	64
Input type and rating	OMD Mk6 detector

Output

Output quantity	10
Output type and rating	Volt-free change over relays rated at 30 VDC, 1 A
Fault signalling	Volt-free change over relay rated at 30 VDC, 1 A

Physical

Physical dimensions	313 x 500 x 118 mm (H x W x D)
Net weight	8.7 kg
Colour	Ash grey
Material	Steel

Environmental

Operating temperature	0 to +70°C
Storage temperature	-20 to +60°C
Relative humidity	95%
Environment	Indoor
IP rating	IP32

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