



ORION MINI

1 & 2 Zone Conventional Fire Detection Panel - Low Profile

The ORION MINI 1 & 2 zones conventional control panel, offers a creatively designed and aesthetically pleasing solution for smaller cost-conscious projects demanding simplicity of operation. The programmable features included in this panel are: programmable time delay and Day/Night mode.

Operation is extremely intuitive, offering simple control and one-button disablement facilities, as well as the one man test mode which provides simple and efficient testing of the system.

Key Features

- ▶ Up to 32 conventional smoke and/or heat detectors per Zone
- ▶ Active End of Line monitoring
- ▶ Delay timer programmable ON/OFF and Day/Night mode
- ▶ One man test
- ▶ 1 Supervised/ monitored sounder circuit
- ▶ Fully EN54 -2 and EN54-4 compliant
- ▶ Addressable Loop Interface card-GFE-ADLI (optional)

TECHNICAL SPECIFICATIONS

PRIMARY SUPPLY VOLTAGE- IN	230 +10% -15% V AC
PRIMARY SUPPLY VOLTAGE/ CURRENT- OUT	0.5 A @ 28.5 V DC nominal (max.)
SECONDARY SUPPLY VOLTAGE	21.0 min. - 27.2 max.V DC - BAT charger o/p 28 V DC
INTERNAL BATTERY CAPACITY - MAXIMUM	2 x 12 V x 1.2 Ah Sealed VRLA Lead Acid Batteries
MAINS FUSE/ BATTERY FUSE	1 A -250 V Slow Blow - 20 mm/ 1.0 Amp - Resettable
ZONE CURRENT - QUIESCENT/ ALARM	4 mA / 65 mA
MAX. CABLE RESISTANCE/ CAPACITANCE	40 Ohms / 0.470 uF
END OF LINE MONITORING	Active EOL - 10uF/50V Bipolar Electrolytic Aluminium Capacitor
BS5839 DETECTOR REMOVAL COMPLIANT	YES provided diodes are fitted to detector base
DEVICES PER ZONE	32 Maximum - EN 54-2
ALARM RESISTANCE VALUE	270 - 1000 Ohms
SOUNDER CIRCUIT SPECIFICATION	1 output w/ 300 mA max. current drive - fully monitored
ALARM VOLTAGE/ END OF LINE RESISTOR	27.5 V DC Nominal / 10 K Ohms - 1/4 Watt E.O.L.
OPERATING TEMPERATURE / MAX. HUMIDITY	-10°C to 50°C / 95% RH Non-Condensing
WEIGHT	1.1 Kg - 2.3 Kg (inc. 2 x 1.2 AH 12 V bat.)
DIMENSIONS	194 (L) x 256 (W) x 86 (H) mm
COLOUR	White or Red
ORDER CODE	
ORION MINI 1	ONE ZONE CONVENTIONAL FIRE DETECTION CONTROL PANEL - LOW PROFILE
ORION MINI 2	TWO ZONE CONVENTIONAL FIRE DETECTION CONTROL PANEL - LOW PROFILE