

Zeta

FEOE2000

Fyreye-Extra Conventional Optical Smoke Detector



MODEL	FEOE2000
PART NO	80-022
DETECTOR CLASS	Optical Smoke
DESIGN STANDARD	EN54 Pt 7
APPROVAL	DIFT
OPERATING VOLTAGE	9-33V DC
QUIESCENT CURRENT	65µA
ALARM CURRENT @ 24V DC	53mA MAX
OPERATING TEMPERATURE	-10°C to +50°C
MINIMUM CONTINUOUS TEMP.	0°C
MAX. HUMIDITY	95% RH Non Condensing
ALARM CONDITION	2.4% Obscuration per metre
COMPATIBLE BASES	FE-SB Sounder Base FE-SFB Sounder Flasher Base
COVERAGE	100m ²
IP PROTECTION RATING	IP 43
START-UP TIME	10 Seconds
SIZE, DIAMETER x HEIGHT (WITH BASE)	100 x 37 mm (101 x 53 mm)
WEIGHT (WITH BASE)	95g (153g)

FEHE2000, FEFHE2000 Fyreye Extra Conventional Rate of Rise and Fixed Heat Detectors



MODEL	FEHE2000	FEFHE2000
PART NO	80-038	80-039
DETECTOR CLASS	RATE OF RISE & FIXED HEAT	FIXED HEAT ONLY
DESIGN STANDARD	EN54 part 5	
APPROVAL	DIFT	
OPERATING VOLTAGE	9 to 33V DC	
QUIESCENT CURRENT	40 µA	
ALARM CURRENT @ 24V DC	34mA	
OPERATING TEMPERATURE	-10°C to 50°C	
MINIMUM CONTINUOUS TEMP.	0°C	
MAX HUMIDITY	95% RH non condensing	
ALARM CONDITION	Rate of Rise or Fixed Heat trigger @ 57 °C	Fixed Heat trigger @ 90 °C
COMPATIBLE BASES	FE-CB - Common Base FE-DB - Diode Base FE-SB - Sounder Base FE-SFB - Sounder Flasher Base	
COVERAGE	50m ²	
IP PROTECTION RATING	IP43	
START UP TIME	10 seconds	
SIZE, DIAMETER X HEIGHT (WITH BASE)	100 x 48 mm (101 x 64 mm)	
WEIGHT (WITH BASE)	75g (133g)	

FEOH2000

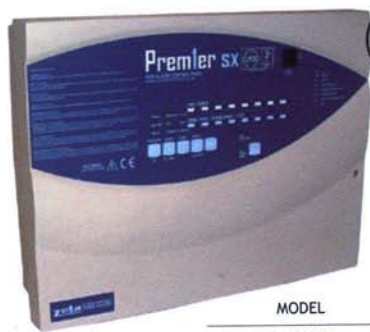
Fyreye-Extra Conventional Opto-Heat Multi-Point Detector



MODEL	FEOH2000
PART NO	80-025
SUPPLY VOLTAGE	17-20V dc
AVERAGE QUIESCENT CURRENT AT 24V	100µA
ALARM INDICATION	Dual Clear LED, Red in alarm
ALARM CURRENT AT 9V	17mA
ALARM CURRENT AT 24V	70mA Max
ALARM TRIGGER CONDICTION	3% per Metre smoke obscuration
OPERATING TEMPERATURE	-20 to +60°C (non condensing or icing)
MAX. WIND SPEED	Not affected
REMOTE OUTPUT CHARACTERISTICS	Current Sink to -ve line (17mA max)
COMPATIBLE BASES	FE-CB Fyreye Common Base FE-DB Fyreye Diode Base FE-RB Fyreye Relay Base FE-SB Sounder Base FE-SFB Sounder Flasher Base
COVERAGE	100m ²
DETECTOR SIZE (WITHOUT BASE)	100mm diameter x 50mm deep
WEIGHT (WITHOUT BASE)	95g

Zeta

NPSX2, NPSX4, NPSX6 & NPSX8 Premier SX Fire Alarm Control Panel



LPCB
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to EN54
pt. 2 & 4

MODEL	NPSX1	NPSX2	NPSX4	NPSX6	NPSX8
PART NO	37-050	37-051	37-052	37-053	37-054
DETECTION ZONES	1	2	4	6	8
MAINS VOLTAGE	230 VAC +10% / -15% @ 50/60Hz				
SYSTEM VOLTAGE	24 VDC (Nominal)				
ZONE VOLTAGE	21 VDC (Nominal)				
SOUNDER ALARM O/P	2 x 400 mA @ 24V DC (Nominal)				
FAULT RELAY OUTPUT	1 x Relay SELV (1 Amp maximum)				
FIRE RELAY OUTPUT	1 x Relay SELV (1 Amp maximum)				
ZONE CAPACITY	32 Devices per zone				
REMOTE SOUNDER ACTIVATION	Via N/O contact (class change)				
SOUNDER ACTIVATION DELAY	0-9 minutes in 1 minute increments				
ZONE END OF LINE	IN4002 Diode (cathode stripe to +)				
SOUNDER END OFLINE	10K Resistor				
CHARGER VOLTAGE	28.4V @ 20° C (with battery disconnected)				
CHARGER SIZE	1.1 Amp				
ZONE SHORT CIRCUIT PROTECTION	100mA				
CHARGER SHORT CIRCUIT PROTECTION	Battery Voltage less than 20 V				
ENCLOSURE SIZE	355 L x 275 H x 100 D (mm)				
WEIGHT	3.25kg (Excluding Batteries)				

PMP48

Premier 24 to 48 Zone Conventional Fire Alarm Panel



Complies
with EN54
pt. 2 & 4

MODEL	PMP48
PART NO	37-030
SUPPLY VOLTAGE	230V AC +10%/-15% @ 50/60 Hz
SYSTEM VOLTAGE	29V DC (Nominal)
DETECTION ZONES	24
EXPANDABLE TO	28, 32, 36, 40, 44 & 48
ZONE VOLTAGE	21V DC
ZONE END OF LINE	100µF capacitor
ZONE CAPACITY	Up to 32 Devices
SOUNDER OUTPUT	4 X 400mA @ 24V DC
SOUNDER EOL	10K Resistor
SOUNDER DELAY	0 TO 9 Minutes
FIRE RELAY	1 Relay, SELV @ 1A
FAULT RELAY	1 Relay, SELV @ 1A (Normally Energised)
OTHER CONNECTIONS	Class Change Input (N/O Contact) / F.A.R.E. Output / Serial Repeater Output (4 Wire)
CHARGER SIZE	3 Amp
CHARGER VOLTAGE	28.4V DC (Batteries disconnected)
IP RATING	IP43
OPERATING TEMPERATURE	-0° C to 50° C
ENCLOSURE SIZE	675 x 480 x 135 mm
WEIGHT	13 kg

ZT-CP2

Conventional Call Point



Complies
with EN54
Part 11

MODEL	ZT-CP2	ZT-CP2/W	ZT-CP1
PART NO	43-300	43-314	43-301
INPUT VOLTAGE	9 -33V DC		
ELEMENT TYPE	RESETTABLE		
QUIESCENT CURRENT	0 mA		
ALARM CURRENT	Typical 35 mA (Max 51 mA)		
ALARM LOAD	470 OHM RESISTOR		
ALARM ACTIVATION	BREAK SNAPLATCH, LIFT PERSPEX, PRESS ELEMENT	PRESS ELEMENT	
COLOUR	RED	WHITE	RED
ALARM FLAG COLOUR	YELLOW	RED	YELLOW
OPERATING TEMP.	-20° C to 50° C		
MAX. HUMIDITY	95% RH N/C		
IP RATING	IP 43		
SIZE (WxHxD mm)	111 X 100 X 67		105 X 100 X 58
WEIGHT	198 g	198 g	175 g

Zeta

ZST/8R

Securetone Conventional Electronic Sounder

ZTB6B, ZTB8B & ZTB8B/WP

Fire Alarm Bells



Complies
to EN54
Pt. 3

MODEL	ZST/8R	ZST/8W
PART NO	42-004	42-004A
COLOUR	RED	WHITE
INPUT VOLTAGE	10 - 30V DC	
QUIESCENT CURRENT	0 mA	
ALARM CURRENT	35mA MAX	
SOUND OUTPUT	100dBA @ 24V @ 1m	
LINE MONITORING	POLARISED	
OPERATING TEMPERATURE	-0° C to 50° C	
MAX. HUMIDITY	95% RH N/C	
IP RATING	IP 43	
SIZE WxHxD mm (inc PLATE)	100 x 100 x 75 (100 x 100 x 85)	
WEIGHT (inc PLATE)	230 g (260g)	



Complies
with EN54
Pt. 3

MODEL	ZTB6B	ZTB6B/230	ZTB8B	ZTB8B/WP
PART NO	41-003	41-004	41-005	41-006
SUPPLY VOLTAGE	18-30V dc	200-250V AC	18-30V dc	
DIAMETER	6" (152mm)		8" (203mm)	
QUIESCENT CURRENT	25mA		28mA	
NOMINAL OUTPUT @ 1m	95dB(A)		97dB(A)	
DIMENSIONS	152 x 152 x 55 mm		203 x 203 x 55 mm	
WEIGHT	860g	960g	1700g	1800g

ZTSL6

Zeta Secure Light Xenon Flasher

ZT-LE8

Remote Indicator LED



MODEL	ZTSL6/R	ZTSL6/B	ZTSL6/C	ZTSL6/A
PART NO	42-035	42-036	42-037	42-038
COLOUR	Red	Blue	Clear	Amber
OPERATING VOLTAGE	20-30V dc			
OPERATING CURRENT	100mA			
FLASH ENERGY	3 Watt			
FLASH FREQUENCY	60 times per minute			
OPERATING TEMPERATURE	-30° C to 60° C			
INGRESS PROTECTION	IP54			
LIVE MONITORING	Polarised			
DIMENSIONS	150mm(dia) x 76mm (h)			
WEIGHT	150g			



MODEL	ZT-LE8
PART NO	48-022
INPUT VOLTAGE	9 -33V DC
QUIESCENT CURRENT	0mA
ALARM CURRENT	LIMITED BY DETECTOR (TYPICAL 10mA)
COLOUR	WHITE PLASTIC, RED LENS
OPERATION COLOUR	RED
OPERATING TEMP.	0° C to 50° C
MAX. HUMIDITY	95% RH N/C
IP RATING	IP 43
SIZE (WxHxD mm)	90 x 90 x 38
WEIGHT	56 g

Zeta

ZT-50RZ, ZT-100RZ, ZT-50RV & ZT-100RV Fyreye 50/100 Reflective Beam Smoke Detector



Vds
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to EN54
pt. 12

MODEL	ZT-50RZ	ZT-100RZ	ZT-50RV	ZT-100RV
PART NO	47-050	47-051	47-050A	47-051A
RANGE	5-50m	50-100m	5-50m	50-100m
NUMBER OF WIRES	2		4	
SUPPLY VOLTAGE	10.2Vdc to 30Vdc		10.2Vdc to 30Vdc	
QUIESCENT CURRENT	<4mA		<4mA	
OPERATING TEMPERATURE	-30°C to 55°C		-30°C to 55°C	
MAX HUMIDITY	95% RH N/C			
MAX WIND SPEED	Not affected			
ALARM CURRENT	35 mA (Typical)		<15 mA	
FIRE OUTPUT	470 ohm resistor placed across zone internally		Fire relay closing (relay contact is normally open)	
FAULT OUTPUT	Schottky Diode introduced between -VE in & -VE out		Fault relay opening (relay contact is normally closed).	
POWER DOWN RESET	<2 seconds		>5 seconds	
BEAM MISALIGNMENT TOLERANCE AT 35%	Detector \pm 0.8° Prism \pm 5.0°			
ALARM THRESHOLDS	2.50dB (25%), 3.74dB (35%), 6.02dB (50%)			
OPTICAL WAVELENGTH	880nm			
CONSTRUCTION	Flame Retardant ABS (Grey /Black) IP50			
DETECTOR SIZE	130mm (W) x 210mm (H) x 120mm (D)			
WEIGHT	0.75 kg		0.7 kg	

FEUV 2000

Fyreye Ultra-violet Flame Detector



to EN54
pt. 10

MODEL	FEUV2000
PART NO	80-045
INPUT VOLTAGE	12-28 V DC
QUIESCENT CURRENT	320 μ A
OPERATING TEMPERATURE	0°C to 45°C
MAX WIND SPEED	NOT AFFECTED
STORAGE TEMPERATURE	-25°C to 80°C
ALARM CURRENT	45-50 mA
DETECTION ANGLE	120°
UV SENSITIVITY	185 - 260 nm
RESPONSE TIME	10 sec for 30mm flame @ 4 metres
SIZE (WxHxD mm)	98 X 98 X 36
WEIGHT	85 g
BASE	FE-CB, FE-DB, FE-RB, FE-SB, FE-SFB

ZG-100

Stand Alone Combustible Gas Detector



MODEL	ZG-100N	ZG-100L
PART NO	47-405	47-410
SUPPLY VOLTAGE	230V @50/60Hz AC or 9-28V DC	
QUIESCENT CURRENT	140 mA	
START-UP CURRENT	220mA	
ALARM CURRENT	500mA (excluding Alarm output)	
BUZZER OUTPUT	85dB@ 3m	
OPERATING TEMPERATURE	0°C to 50°C	
MAX. HUMIDITY	95% RH N/C	
RESPONSE TIME	<30 SECONDS	
SENSITIVITY	4400ppm	1700ppm
SIZE (WxHxD mm)	150mm x 90mm x 70mm	
WEIGHT	1 kg	