

fireline PROTECTION



The complete conventional fire warning system



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Electronics Line

www.electronics-line.com

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Electronics Line

MAG4P

4 Zone Fire Panel

- 4 programmable zones
- Active end of line monitoring
- 30 fire detectors per zone
- Unlimited number of call points per zone
- Integral manual alarm button
- 'Class change' facility
- Enable/disable security key
- One man walk test facility
- Fire volt free change over relay
- Fault volt free change over relay
- Individual sounder circuit fault ID
- Individual zone/sounder isolate
- BS5839 and EN54 compliant
- CE certified
- Requires only 1x12v battery
- ABS casing



INPUTS	Max detectors per zone	30
	Thresholds for zone conditions	0 - 2 mA (Fault condition) 2 - 6 mA (Normal condition) 6 - 110 mA (Fire condition) 110 mA - Short (Short condition)
POWER	Mains fail consumption	50mA
	Mains supply	230 VAC ± 10%
	Standby supply	1 x 12V S.L.A Battery (upto 8ah)
	Power availability	0.7 amps
OUTPUTS	Sounder 1	24V (max 300mA fused)
	Sounder 2	24V (max 300mA fused)
	Fault relay	Volt free 500mA (maximum load)
	Auxiliary output	24VDC (300mA fused)
	ENVIRONMENT	Working Temperature
	Storage Temperature	-20 to 60 °C
	Humidity	0 - 95%
	Dimensions (mm)	340W 290H 100D
	Weight	2.5 KG



MAG4

4 Zone Fire Panel

- 4 programmable zones
- Active end of line monitoring
- 30 fire detectors per zone
- Unlimited number of call points per zone
- Integral manual alarm button
- 'Class change' facility
- Enable/disable security key
- One man walk test facility
- Fire volt free change over relay
- Fault volt free change over relay
- Individual sounder circuit fault ID
- Individual zone/sounder isolate
- BS5839 and EN54 compliant
- CE certified
- Requires only 1x12v battery
- Metal casing



INPUTS	Max detectors per zone	30
	Thresholds for zone conditions	0 - 2 mA (Fault condition) 2 - 6 mA (Normal condition) 6 - 110 mA (Fire condition) 110 mA - Short (Short condition)
POWER	Mains fail consumption	50mA
	Mains supply	230 VAC ± 10%
	Standby supply	1 x 12V S.L.A Battery (upto 8ah)
	Power availability	0.7 amps
OUTPUTS	Sounder 1	24V (max 300mA fused)
	Sounder 2	24V (max 300mA fused)
	Fault relay	Volt free 500mA (maximum load)
	Auxiliary output	24VDC (300mA fused)
	ENVIRONMENT	Working Temperature
	Storage Temperature	-20 to 60 °C
	Humidity	0 - 95%
	Dimensions (mm)	320W 220H 80D
	Weight	3.5 KG



MAG8

4 Zone Fire Panel
expandable to 8 zones

- 4 programmable zones
- Expandable to 8 zones VIA MAGZC
- Active end of line monitoring
- 30 fire detectors per zone
- Unlimited number of call points per zone
- Integral manual alarm button
- Repeater facility
- Zone operated relay facility
- 'Class change' facility
- Enable/disable security key
- One man walk test facility
- Fire volt free change over relay
- Fault volt free change over relay
- Individual sounder circuit fault ID
- Individual zone/sounder isolate
- Alarm delay options
- BS5839 and EN54 compliant
- CE certified
- Requires 2 x 12V batteries
- Metal casing



INPUTS	Max. detectors per zone	30
	Thresholds for zone conditions	0 - 2 mA (Fault condition) 2 - 6 mA (Normal condition) 6 - 110 mA (Fire condition) 110mA - + Short (Short condition)
POWER	Mains fail consumption	85mA
	Mains supply	230 VAC ± 10%
	Standby supply	2 x 12V SLA batteries (upto 8ah) each
	Power availability	0.7 amps
OUTPUTS	Sounder 1	24V (max 500mA fused)
	Sounder 2	24V (max 500mA fused)
	Fault relay	Volt free 500mA (maximum load)
	Auxiliary output	24VDC (500mA fused)
	ENVIRONMENT	Working Temperature
	Storage Temperature	-20 to 60 °C
	Humidity	0 to 95%
	Dimensions (mm)	350W 370H 100D
	Weight	6.2 KG



MAG16

12 Zone Fire Panel
expandable to 16 zones

- 12 programmable zones
- Expandable to 16 zones VIA MAGZC
- Active end of line monitoring
- 30 fire detectors per zone
- Unlimited number of call points per zone
- Integral manual alarm button
- Repeater facility
- Zone operated relay facility
- 'Class change' facility
- Enable/disable security key
- One man walk test facility
- Fire volt free change over relay
- Fault volt free change over relay
- Individual sounder circuit fault ID
- Individual zone/sounder isolate
- Alarm delay options
- BS5839 and EN54 compliant
- CE certified
- Requires 2 x 12V batteries
- Metal casing



INPUTS	Max. detectors per zone	30
	Thresholds for zone conditions	0 - 2 mA (Fault condition) 2 - 6 mA (Normal condition) 6 - 110 mA (Fire condition) 110mA - + Short (Short condition)
POWER	Mains fail consumption	125mA
	Mains supply	230 VAC ± 10%
	Standby supply	2 x 12V SLA batteries (upto 8ah) each
	Power availability	0.7 amps
OUTPUTS	Sounder 1	24V (max 500mA fused)
	Sounder 2	24V (max 500mA fused)
	Fault relay	Volt free 500mA (maximum load)
	Auxiliary output	24VDC (500mA fused)
	ENVIRONMENT	Working Temperature
	Storage Temperature	-20 to 60 °C
	Humidity	0 to 95%
	Dimensions (mm)	350W 440H 100D
	Weight	8.5 KG



WARNING & DETECTION

The new range of Fireline detectors have been developed to provide a perfect compliment to the Fireline Mag panels. All detectors are supplied with a diode base, and conform to the latest EN54 standards.

Their smooth aesthetics and competitive pricing will make them more than suitable for the majority of conventional installations.

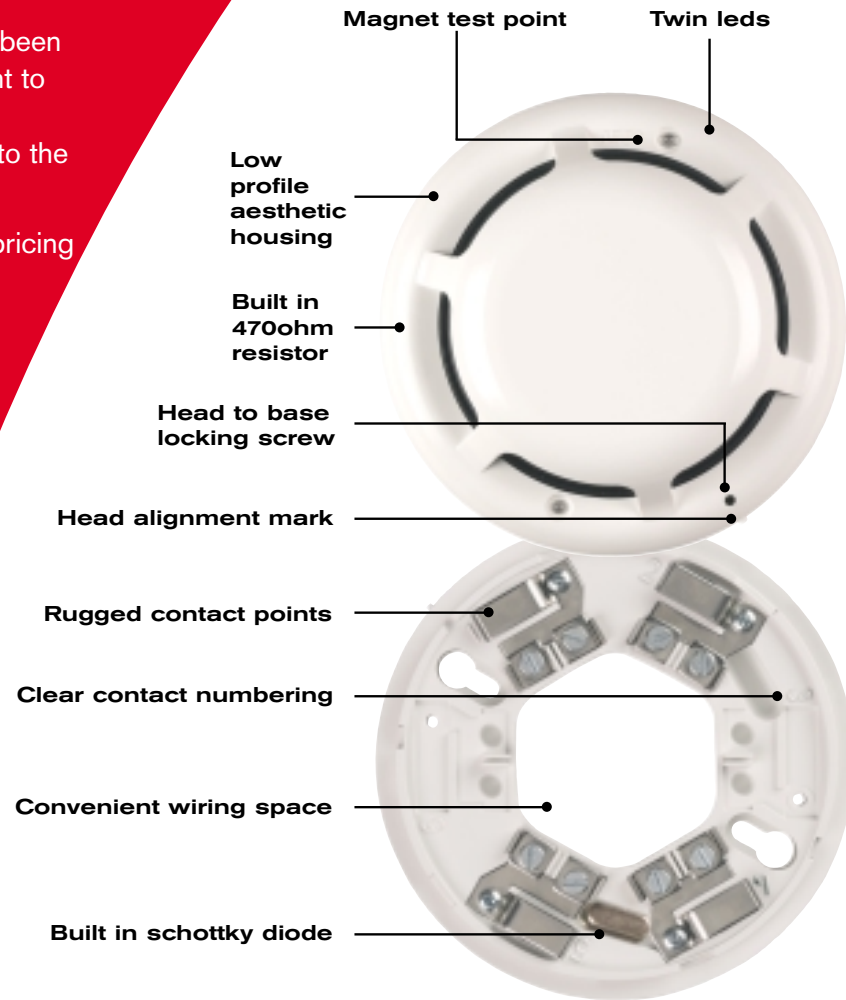


PSD-1
Optical smoke detector

CSD-1
Combined optical smoke & rate of rise heat detector

FHD-1
Fixed temperature heat detector

RHD-1
Rate of rise heat detector



MODEL	PSD-1	CSD-1	FHD-1	RHD-1
DESCRIPTION	Optical smoke	Combined smoke/heat	Fixed temp heat	Rate of rise heat
TYPE	Conventional	Conventional	Conventional	Conventional
APPROVAL	EN54-7	EN54-7, EN54-5	EN54-5	EN54-5
CLASS	N/A	A2R	A1S	A1R
OPERATING VOLTAGE	15 - 30VDC	15 - 30VDC	15 - 30VDC	15 - 30VDC
STANDBY CURRENT	60uA @ 22.5VDC	80uA @ 22.5VDC	40uA @ 22.5VDC	40uA @ 22.5VDC
ALARM CURRENT	48 - 52ma @22.5VDC	48 - 52ma @22.5VDC	48 - 52ma @22.5VDC	48 - 52ma @22.5VDC
WIRE GAUGE	0.35 - 1.0mm TWIN	0.35 - 1.0mm TWIN	0.35 - 1.0mm TWIN	0.35 - 1.0mm twin
OPERATING TEMPERATURE	-10°C to 60°C	-10°C to 60°C	-10°C to 90°C	-10°C to 90°C
TEST FACILITY	Magnet	Magnet	Magnet	Magnet



SCP-1

Surfacing mounting call point

Spare glasses available in packs of 10 (SCPG1)"



FCP-2

Flush mounting call point

Spare glasses available in packs of 10 (SCPG2)"



BA-1R
RED BANSHEE sounder



BA-1W
WHITE BANSHEE sounder



BS-1R
RED BEDROOM sounder



BS-1W
WHITE BEDROOM sounder



DBS-1
DETECTOR BASE sounder



MA-1
MULTI ALERT sounder

MODEL	BA-1R/BA-1W	BS-1R/BS-1W	DBS-1	MA-1
DESCRIPTION	BANSHEE sounder	BEDROOM sounder	DETECTOR BASE sounder	MULTI ALERT sounder
SOUND OUTPUT @ 1M	87 - 112 dBA	90 dBA	93 dBA	103 dBA
CURRENT	6 - 30 mA	7 mA	18 mA	15 mA
IP RATING	IP45	N/A	N/A	IP55

WARNING DEVICES



IFB-1
6" INTERNAL fire BELL



WFB-1
8" WEATHERPROOF fire BELL



FS-1 1 WATT STROBE
FS-2 2 WATT STROBE
FS-3 3 WATT STROBE



ZLR2
REMOTE LED indicator plate



CB-1
combined BANSHEE
sounder + STROBE



CB-2
combined MULTI ALERT
sounder + STROBE

MODEL	IFB-1	WFB-1	FS-1/2/3	ZLR2	CB-1	CB-2
SOUND OUTPUT @ 1M	95 dBA	95 dBA	N/A	N/A	87 - 112 dBA	88 - 103 dBA
FLASH RATE	N/A	N/A	60 / minute	permanent	60 / minute	40 / minute
CURRENT	11 mA	25 mA	42, 84, 126 mA	minimal	40 mA + sounder	40 mA
IP RATING	IP55* (TBC)	IP55* (TBC)	IP65	internal use only	IP45	IP55

ACCESSORIES



BAT28
12V 2.8ah SLA BATTERY



BAT7
12V 7.0ah SLA BATTERY



DR916-24
24V DC DOOR HOLDER



DR916-240
240V AC DOOR HOLDER



DR916-FMB
FLOOR MOUNTING BRACKET
(for use with DR916-24/240)



DR916-KP
SPARE KEEPER PLATE
(for use with DR916-24/240)



BPS-1
24V 1 AMP BOXED POWER SUPPLY

BPS-2
24V 2 AMP BOXED POWER SUPPLY

BPS-5
24V 5 AMP BOXED POWER SUPPLY

* boxed power supplies require
2 x 12V batteries (not supplied)