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SIGNALINE

FD-108 Break Glass Call Point

- Single pole change over contact
- Choice of five colours
- Supplied with test key
- Coated glass element
- Optional transparent flap

Order Code	Description
MBFD108*	Surface Mount Call Point
MBFD108*C	Surface Mount Call Point with Flap
MBFD900	Replacement glass (75 x 40mm)
MBFD901	Clear polycarbonate flap
MBFD902	Test key

*Specify colour R = Red, W = White, Y = Yellow, B = Blue, G = Green

Specifications:

Switch action:	Single pole change over
Contact rating (A):	250VAC 10A
	24VDC 10A
	48VDC 3A
Protection:	IP42
Temp range (°C):	-25 to +55
Cable entry:	3 x 20mm
Terminal Capacity:	6 x 2.5mm²
Construction:	High impact ABS
Dimensions (w x h x d):	86 x 86 x 56mm
Weight:	200g

FD-109 Resettable Call Point

- One or two change over contacts
- Available in Red, Yellow or Green
- Resettable (no glass replacement required)
- Supplied with lift flap and test key
- With LED

Order Code	Description
MBFD109*LC1	Surface Mount Call Point one switch
MBFD109*LC2	Surface Mount Call Point two switch
MBFD908	Test Key

*Specify colour[1] R = Red, Y = Yellow, G = Green, W = White

[1] Other colours available subject to minimum order requirements

Specifications:

Switch action:	One or two Single pole change over
Contact rating (A):	24VDC 3A
Monitoring resistor:	470Ω 1 W (others on request)
Protection:	IP42
Temp range (°C):	-10 to +55
Cable entry:	1 x 20mm through back box
Terminal Capacity:	3 x 1.5mm² or 6 x 1.5mm²
Construction:	High impact ABS
Dimensions (w x h x d):	92 x 92 x 56mm
Weight:	170g

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CX Manual Call Point

- Weather proof IP66
- Available with 240V rated C/O contact or low voltage versions with monitoring resistor
- PVC coated glass element
- Supplied with test key
- Optional transparent flap

| Order Code	Description
FUL52000R	N/O contact with monitoring resistor and LED for voltages up to 50V max
FUL52005R	C/O contact for voltages up to 250VAC
FUL59000CX	Replacement glass (pkt of 10) (75 x 40mm)
FUL59002	Clear polycarbonate flap

Specifications:

Switch action:	Single pole N/O or single C/O contact
Contact rating:	0.5A at 50VAC/DC (low voltage version) 3A at 250VAC and 24VDC (Mains version)
Monitoring resistor:	470Ω 1 W (others on request)
Protection:	IP66
Temp range (°C):	-25 to +70
Construction:	ABS
Weight:	220g

87mm
87mm
113mm
57mm
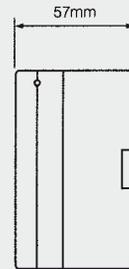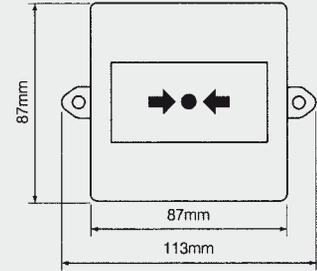
Key Box

- "Break Glass" box for keys
- Tamper proof housing
- Replaceable glass

Order Code	Description
LAB10050	Break glass for key box
LAB20045	Replacement glass

Specifications:

Construction:	ABS housing (colour red) Coated glass

ø4
76.5
107
120
30
32

Dimensions in mm

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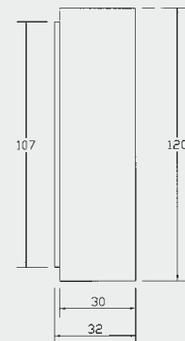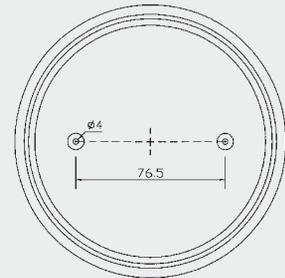
DH-500 Series

- Magnetic door holders with 70kg holding force
- Wall, floor and flush mounting versions
- Test button (DH-502 and DH-504)
- Supplied with adjustable armature plate

Order Code	Mounting	Dimensions	Weight (kg)
MBDH501	Basic wall mounting	80 x 80 x 45mm	0.72
MBDH502	Wall mounting in box	80 x 80 x 45mm	0.9
MBDH504	Floor mounting	118 x 92 x 120mm	1.46
MBDH505	Flush wall mounting stainless steel front plate	120 x 76 x 28mm	0.7

Specifications:

Voltage:	12-24VDC
Current:	100/50mA
Holding Force:	70Kg
Protection:	IP41 (from front only on some models)
Temp range (°C):	-10 to +55
Cable entry:	2 x 20mm
Construction:	Black powder coated steel (flush mount version has stainless steel wall plate)

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Fixed Temperature Cable
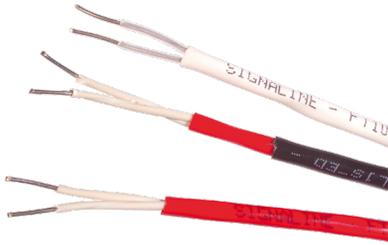
- Fixed temperature heat detection cables for fire protection
- 3 temperature points + extra high setting
- Chemical resistant versions
- Low cost, easy to install and reliable solution
- Applications fire detection in cable trays, escalators, warehouses, factories and car parks
- Full range of installation accessories

Specifications:

Conductor resistance:	0.190Ω/m @ 20°C
Max. voltage:	42VDC or 30VAC
Dielectric withstand (UL):	500VDC
Tensile strength:	1700N/mm^2
Min. bend radius:	75mm
Weight:	1.2kg/100m

Fire

Fire Control Panel — Zone — Lead in cable — Signaline UCB / Interposing Line Resistor — Signaline FT Heat Sensing Cable — Signaline UCB / End of Line Device
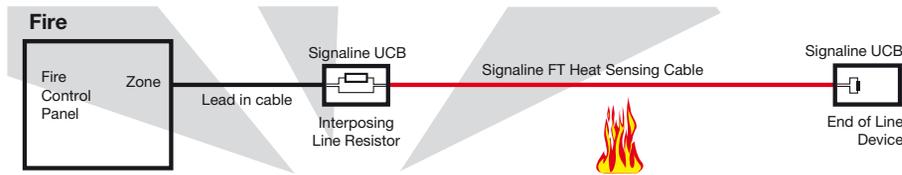
Order Code	Alarm Temperature °C/°F	Maximum Ambient Temperature °C/°F	Outer Sheath Material	Colour	Overall Diameter mm
LGMFT68	68/155	45/113	PVC	Red	3.5
LGMFT68R	68/155	45/113	Chemical and UV resistant Nylon	Black	4.5
LGMFT88	88/190	70/158	PVC	White	3.5
LGMFT105	105/220	85/185	PVC	White	3.5
LGMFT105R	105/220	85/185	Chemical and UV resistant Nylon	Black	4.5
LGMFT185R	185/365	125/257	Chemical and UV resistant Nylon	Red	3.6

Note: Supplied in 50m increments, up to 500m per reel.

Accessories

Order Code	Description	Dimensions	Weight (kg)
LGMUCB	Universal connection box[1]	94 x 94 x 57mm	0.5
LGMUCBEX	Ex e Universal connection box[1, 2]	70 x 80 x 55mm	0.4
LGMAPDL	Alarm point distance locator	180 x 130 x 78mm	1.2

[1] Suitable for use as end of line, interposing line unit or junction box.
[2] 2GD Ex e IIC T5 Ta -40°C to +55°C, @GD Ex tb IIIC T95°C – IECEx approval IECExSIR06.0106

LGMAPDL

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Analogue Heat Sensing Cable

- Analogue heat detection cables for fire protection
- Detects rise in temperature
- Cable resets once cooled
- Low cost, easy to install and reliable solution
- Applications fire detection in cable trays, escalators, warehouses, factories and car parks
- Full range of installation accessories

Specifications:

Conductor resistance:	2Ω/100m @ 20°C
Diameter:	2.8mm
Temp range (°C):	-40 to +70
Alarm temp. range:	typical – 1 meter alarm range 70 to 125°C
	– 10 meter alarm range 45 to 100°C
Tensile strength:	200N

Order Code	Outer Sheath Material	Colour	Minimum Bend Radius. mm	Weight
LGMHD01	PVC	Red	5	1.6kg/100m
LGMHD01R	Chemical and UV resistant Nylon	Black	18	2.2kg/100m
LGMHD01S	PVC with stainless steel braid	Red	20	3.0kg/100m

Note: Supplied in 50m increments, up to 500m per reel.

Accessories

Order Code	Description	Dimensions	Weight (kg)
LGMSKM03	Analogue cable controller, 24VDC, 2 x CO contacts, IP65, EN54 compliant	110 x 110 x 65mm	0.27
LGMUCB	Universal connection box[1]	94 x 94 x 57mm	0.5

[1] Suitable for use as end of line, interposing line unit or junction box.

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Water Detection System

- Cable detects the presence of water along its length
- Cable resets once dry
- Low cost, easy to install and reliable solution
- Applications include leak detection in data centers, control rooms, museums etc
- Full range of installation accessories

Order Code	Description
LGMWD003	Water leak detection cable 3.75m
LGMWD007	Water leak detection cable 7.5m
LGMWD015	Water leak detection cable 15m
LGMWD030	Water leak detection cable 30m
LGMWD100	Water leak detection cable 100m
LGMWDMKM	Water detection monitor WDM-KM with EOL plug
LGMWCB2000	Water detection panel CB2000
LGMWA01	Non sensing terminating cable 10m

Specifications:
Cable
Construction: 4 core
Diameter: 6mm nominal
Pre-terminated lengths: 3.75m, 7.5m, 15m, 30m, 100m
Non sensing leader cable: 10m

Control module WDM-KM
Voltage: 12-30VDC
Operating current: 10mA (normal operation)
27mA (Alarm relay activated)
Alarm output: 1 x NO contact, 1A 30VDC AC1
Fault output: 1 x NC contact, 20mA 48VDC (opens on power loss or cable break)
Sensing cable length: 3.75m to 1000m
Temp rating (°C): 0 to +50°C
Dimensions: 105 x 70 x 30mm

Water Detection Panel CB200W
– monitors up to 8 x WDM-KM control modules
Voltage: 230VAC
Detection: Up to 8 zones
Alarm output: 2 x fully monitored alarm circuits (1 and 2 zone panels)
4 x fully monitored alarm circuits (4 and 8 zone panels)
Auxiliary outputs: 1 x NO/NC alarm contact, 1A 30VDC AC1
1 x NO/NC relay output
Temp rating (°C): 0 to +50°C

Accessories to suit all cable types

Order Code	Description
LGM9001	A clip including cable tie – nylon wall mounting cable clip
LGM9002	K clip – for use with HD cable no screw or cable tie required
LGM9003	P clip – zinc plated steel cable clip for outdoor use
LGM9004	T clip – polypropylene cable clip with wall standoff
LGM9005	J clip – clip to support cables from cable trays
LGM9006	Edge clip – cable clip to support cable from steelwork

SIGNALINE

Porta-lamp

- Battery powered xenon strobe
- Available with amber or red lens
- Weatherproof
- Magnetic mounting

Order Code	Description
UECBBX*	**Porta-Lamp Battery Powered Xenon Beacon**

*Specify colour A = Amber, R = Red

Specifications:

Flash Rate:	60fpm ±5
Lamp Type:	0.5J Xenon
Batteries:	2 x "D" cells (not included)
Autonomy:	Approx. 30 hours (dependent on battery quality)
Protection rating:	IP55
Temp range (°C):	-10 to +55
Construction:	polypropylene body, polycarbonate lens
Dimensions (Ø x h):	105 x 135mm
Weight:	0.58Kg

Emergency Flare

- Battery powered LED emergency light
- Rechargeable from 12V vehicle socket or with 230V charger (included)
- Magnetic mounting
- 9 flash patterns
- Available in 6 colours
- Waterproof and floats
- Available in 6 pack case with charger

Order Code	Description	Weight (kg)
KAM1EF1*	LED Flare with charger	0.285
KAM1EF6*	6 pack with charger single colour	3.10
KAM1EF6RB	6 pack with charger 3 red + 3 Blue	3.10

*Specify colour A = Amber, B = Blue, G = Green, R = Red, W = White, Y = Yellow

Specifications:

Battery:	Lithium Ion
Battery life:	6 to 35 hours depending on flash pattern
Light Source:	16 x LED's
Flash rate:	60fpm
Protection:	IP67
Construction:	TPE and PC

Dimensions in mm

Dimensions in mm

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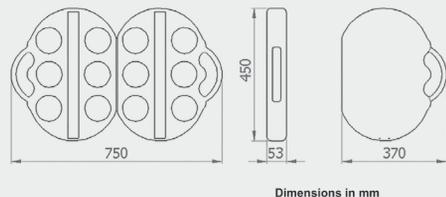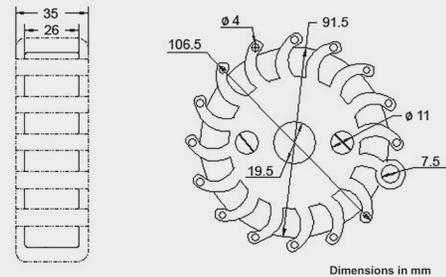
EcoBlast

- Rechargeable air horn
- High sound output up to 115dB
- Can be refilled from any compressed air source
- Supplied with holster

Specifications:

Operating pressure:	Min 5psi to Max 150psi
Sound output:	Max 115dB @ 1m
Autonomy:	Approx. 30 seconds continuous blast when fully charged
Construction:	ABS (Horn), Aluminium (Canister)
Dimensions (l x h x w):	190 x 200 x 75mm

Order Code	Description	Weight (g)
AIZ002	EcoBlast blister pack with pump	250

EcoBlast PRO

- Rechargeable air horn
- High sound output up to 115dB
- Rechargeable from air compressor or bike pump etc
- Pressure "fuel" gauge fitted
- Supplied with carry strap
- Optional bracket for wall mounting

Specifications:

Operating pressure:	Min 5psi to Max 90psi
Sound output:	Max 115dB @ 1m
Autonomy:	Approx. 200 blasts per charge
Construction:	ABS
Dimensions (l x h x w):	280 x 230 x 160mm

Order Code	Description	Weight (kg)
AIZ010	EcoBlast Pro	0.95
AIZ900	Wall mounting bracket	0.7

Lalizas Air Horn

- Pressure canister powered air horn.
- High sound output
- Replacement canisters available

Specifications:

Sound output:	120dB @ 1m
Propellant:	Hydrocarbon (non CFC) 380ml
Construction:	ABS horn, metal canister
Dimensions (l x h x w):	170 x 220 x 55mm
Weight:	290g

Order Code	Description	Weight (kg)
LALPA045PN	Lalizas air horn	0.29
LALPA0451N	Replacement propellant cannister	0.18

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LK100 Hand Operated Siren

- Hand wound siren with output up to 108dB
- Heavy duty aluminium or lightweight plastic versions
- Supplied with carry bag

Specifications:

Sound output:	108dB @ 1m
Frequency:	550Hz nominal (depends on speed of rotation)
Construction:	Aluminium or ABS

Order Code	Description	Weight (kg)
LK100	Hand wound siren -aluminium	1.2
LK100P	Hand wound siren - ABS	0.6
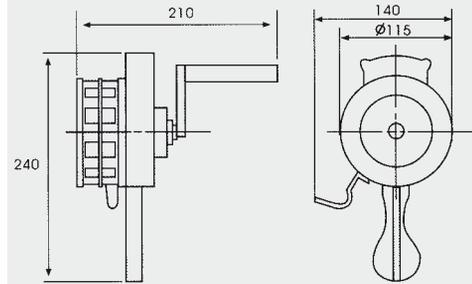
Dimensions in mm

LK120 Hand Operated Siren

- Hand wound siren with output up to 120dB
- Heavy duty aluminium construction
- Portable with stand

Specifications:

Sound output:	120dB @ 1m
Frequency:	600Hz nominal (depends on speed of rotation)
Construction:	Aluminium siren with steel tube stand

Order Code	Description	Weight (kg)
LK120	Hand wound siren	11
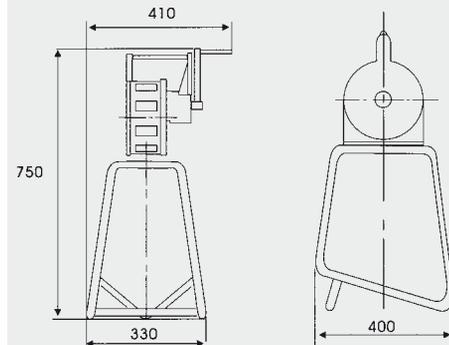
Dimensions in mm

STM Megaphone

- Choice of outputs 10 or 15W
- Public address and siren/whistle sound
- Separate microphone

Order Code	Power	Sound	Max. Range	Batteries*	Dimensions	Weight (kg)
MXSTM210W	10W	whistle	320m	6 x C cells	350 x 200mm	1.5
MXSTM315S	15W	Siren	500m	8 x C cells	355 x 235mm	1.6

* Batteries not included

H-906 Hazard Marker

- High output LED solar powered signal
- Combined flasher and reflector
- Bidirectional light output
- Operates at night only
- Pole mounting
- Maintenance free

Order Code	Light Colour	Weight (kg)
KAIH906WR	Red	0.68
KAIH906WY	Yellow	0.68

Specifications:

Flash Rate:	150fpm ±30
Lamp Type:	6 x 8mm high output LED (in each direction)
Batteries:	Ni-cd
Battery life:	Approx. 3 years
Autonomy:	Approx. 24 hours (dependent on length and strength of sunshine)
Protection:	IP65
Temp range (°C):	-10 to +55
Construction:	Aluminium alloy body, polycarbonate lens
Mounting:	30mm pole mount
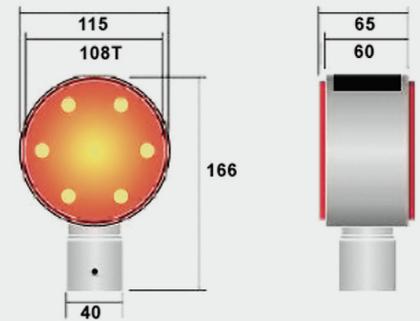
Dimensions in mm

H-931 Hazard Marker

- High output LED solar powered signal
- High visibility
- Unidirectional
- Operates at night only
- Pole mounting
- Maintenance free

Order Code	Light Colour	Weight (kg)
KAIH931R	Red	1.8
KAIH931Y	Yellow	1.8

Specifications:

Flash Rate:	120fpm ±20
Lamp Type:	8 x 5mm high output LED
Batteries:	Ni-cd
Battery life:	Approx. 3 years
Autonomy:	Up to 36 hours (dependent on length and strength of sunshine)
Protection:	IP65
Temp range (°C):	-10 to +55
Construction:	Polypropylene body, polycarbonate lens
Mounting:	Pole mount (supplied with adjustable clamps)

Dimensions in mm

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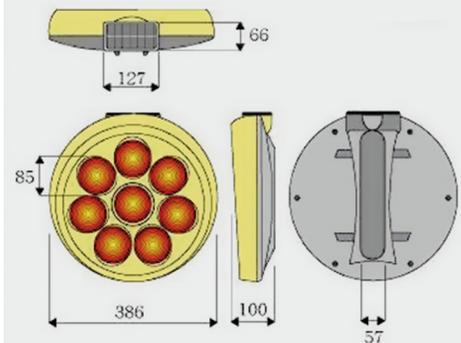
H-962 Traffic Signal Light

- High output LED solar powered signal
- High visibility
- Unidirectional
- Pole mounting
- Operates day and night
- Maintenance free

Specifications:

Flash rate:	60fpm ±10
Lamp type:	120 x 5mm high output LED
Batteries:	Sealed Lead-Acid
Protection:	IP65
Temp range (°C):	-10 to +55
Construction:	Powder coated aluminium alloy housing
Mounting:	Supplied with mounting brackets
Weight:	8Kg

Order Code	Light Colour	Weight (kg)
KAIH962R	Red	8
KAIH962Y	Yellow	8
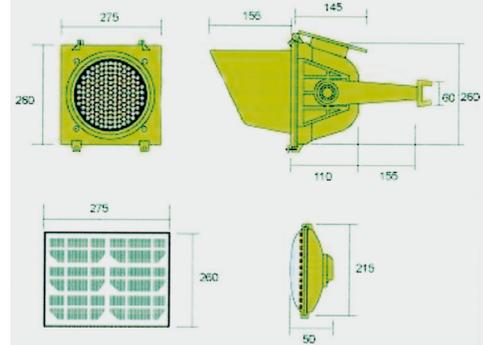
Dimensions in mm

H-932 Pavement Marker

- High output LED solar powered signal
- High visibility
- Bidirectional (except white versions)
- Operates at night only
- Maintenance free

Specifications:

Flash rate:	300fpm ±60
Lamp type:	3 x 5mm high output LED (in each direction, except white versions)
Batteries:	Ni-cd
Autonomy:	Up to 24 hours (dependent on length and strength of sunshine)
Protection:	IP66
Temp range (°C):	-10 to +55
Construction:	Aluminium and polycarbonate
Mounting:	Surface mount

Order Code	Light Colour/Direction	Weight (kg)
KAIH932WR	Red/Red	0.36
KAIH932WA	Yellow/yellow	0.36
KAIH932WAR	Yellow/Red	0.36
KAIH932SW	White (steady / flashing)	0.36
KAIH932BSW	White / (steady)	0.36

Dimensions in mm

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