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36
Security

Stand Alone Keypads

Storm Keypads for Access Control

StrikeMaster/CodeMaster



Anti-vandal Vandal resistant General service
H=118, W=99.5, D=15
Fixing centres 74 x 93
Power supply
H=50, W=95, D=63

3 finishes are available to suit all keypad applications:-

Anti-Vandal - All metal construction**Vandal Resistant** - Super impact black polymer with metal keytops (keypad matches Door Entry Intercom, Order Codes 724-6869 and 724-6870)**General Service** - Super impact polymer case and buttons in grey

StrikeMaster Access Control Keypads

- 50 codes of 4, 5 or 6 digits
- Tamper, duress and forced door alarm
- LED and audible tone user feedback
- Timed door release or latched open function
- One or two door control
- Lock out on invalid code attempts
- Hidden code feature
- All weather resistant
- Comprehensive fitting kit provided

CodeMaster Wiegand Keypads

- Compatible with Access Control equipment requiring 26 or 32 Bit Wiegand data
- Use with or as replacement for card readers
- 5-12V dc
- LED and audible tone user feedback
- All weather resistant
- Comprehensive fitting kit provided

Privacy Shroud

- Provides added entry code security where the risk of observation is a concern
- Locates onto the Keypads four fixing positions

An electric door strike is required for use with the Strikemaster keypads - for suitable door strikes please see the Electric Locking section within Security Access Control.

Keypads

Operational life ≥ 4 cycles per key
Weather sealing **IP65**
Resistance to static discharge $\geq 12.5\text{kV}$
Service temperature -20°C (dry) to $+85^{\circ}\text{C}$

CE compliant

StrikeMaster 11V to 28V dc or 9V to 20V ac supply
CodeMaster 5V to 12V dc supply

DC Power Supply

Input 210V dc to 240V ac
Output 12V dc @ 650mA

Import Permit may be required in Malaysia

212959

	Order Code	1+	2+	5+	10+
Keypad for local door control - Strikemaster					
Anti-vandal (metal)	773-920	418.04	357.65	351.16	349.45
Vandal resistant (black polymer)	724-6754	344.92	306.11	--	--
General service	773-931	344.92	306.11	--	--
12V dc power supply	773-955	105.00	96.48	93.48	--
Wiegand Data Keypad - Codemaster					
Anti-vandal	773-967	314.06	278.72	--	--
General service	773-979	275.00	244.03	--	--
Privacy Shroud	986-513	52.26	50.22	48.60	46.73

Key Security/Accessories

30, 42, 70 or 105 Key



- Manufactured in steel
- Tough epoxy-polyester ivory paint finish
- Assorted colour key tags and rings
- Identification card included
- Fitted with lock and two keys are provided

Spare keys tabs are also available 20 of each colour: White, Red, Blue, Yellow, Green.

30 Key: H=200, W=153, D=57
42 Key: H=290, W=215, D=60

70 Key: H=290, W=215, D=57

213055

No. of Keys	Order Code	1+	5+	Price Each 10+	+	+
30	223-918	178.73	149.64	146.82	--	--
42	309-7511	227.82	205.34	186.87	--	--
70	474-710	274.20	247.28	229.67	--	--
100 Per Pack			Price Per Pack			
		1+	5+	10+		
Spare key tabs	309-7523	76.77	74.68	--		

Fire Door Key Box



FD1

FD2

- Boxes for emergency key storage
- Manufactured from sheet steel with glass panel in locking door
- Two door-locking keys provided
- Boxes finished in red epoxy polyester paint
- Model FD1 box provided with hammer on steel chain to break glass
- Hammer finished in white
- Model FD2 box without hammer

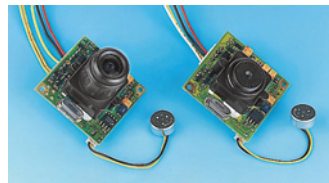
	H	W	D	List No.	Order Code
Box	160	120	40	FD1	720-1941
Box (no hammer)	160	120	40	FD2	720-1953
Spare glass	100	60	--	GL1	720-1965

211895

	Order Code	1+	5+	Price Each 10+	+	+
Model FD1 box	720-1941	69.27	64.02	60.08	--	--
Model FD2 box	720-1953	53.97	50.01	48.59	--	--
Spare glass	720-1965	2.94	2.79	2.74	--	--

CCD Cameras

CCD Monochrome PCB Camera



H=32, W=32, D=30 (249-622)

Image sensor	1/3" CCD 512(H) 582(V) pixels	Video output	1 Vp-p 75R
Horizontal resolution	380TVL	Audio output	700mV line level
Lens	Integral 3.8mm lens or Pinhole lens	Power supply	10V-12.6VDC
Iris	Electronic		
Sensitivity	0.5 lux integral lens, 3.0 lux Pinhole lens		

213060

	Order Code	1+	Price Each +	+
Lens				
Integral	249-622	127.88	--	--
Pinhole	249-634	127.88	--	--

Sub-Miniature Monochrome Camera



- Ultra miniature size
- Low voltage operation
- Ideal for covert applications

H = 15, W = 15, D = 14 (pinhole)
25 (wide angle) Fixing centres = 18

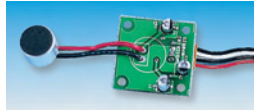
Image sensor	8.5mm CMOS, 288(H) 353(V) pixels
Lens	5.5mm (pinhole), or 3.6mm (wide angle)
Electronic shutter	1/50 - 1/4000 second
Video output	75R 1V p-p composite signal
Weight	6g (pinhole) 10g (wide angle)

212987

Description	Order Code	Price Each		
		1+	4+	8+
Pin hole 5.5mm	722-5295	214.44	203.73	193.53
Wide angle 3.6mm	722-5301	186.08	176.79	167.94

CCTV Camera Accessories

Audio Board



A compact add-on audio board that provides:

- Crystal clear sound
- Adds an audio facility to a CCTV system
- Audio output at line level

Power supply	12V dc, 30mA	Dimensions (L x W)	20.6 x 21mm (board)
		Dimensions (Ø x H)	5 x 5mm (mic.)

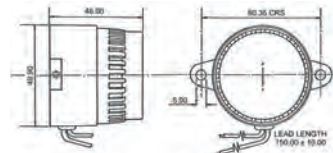
Import Permit may be required in Malaysia

227781

Order Code	Price Each		
	1+	3+	
354-2403	13.17	12.22	

Sounders - Single Tone

P40 - High Output Piezo Buzzer



A high output piezo buzzer designed for warning in security, fire, automotive and industrial applications. With a choice of two signals (continuous or pulsed) they are ideal for use as panel warning devices, where an additional signal may be required.

NEW

● High sound output	● Compact design for installation in all locations		
● Wide voltage range	● Colour: White		
Voltage	12/24Vdc	Temperature Range	-20°C to +60°C
Current	40mA	IP Rating	IP 30
Output	95dB@ 1m	Weight	57g
Frequency	3200Hz	Mfrs. List no.	17-970040
Rating	Continuous		

Import permit may be required for Malaysia.

386400

Description	Order Code	Price Each		
		1+	5+	10+
Piezo Buzzer	881-0125 ▲	45.70	42.74	40.82

Sounders - Multiple Tone

Mini Two Tone Sounder - 5V to 30V



A miniature panel mounting two tone continuous sounder ideally suited for mounting in portable equipment and instrument panels, a choice of two continuous signals, high or low being offered from the one unit. Its solid state construction ensures high reliability.

Dia.=27 (body), D=20 (behind panel)
Mounting hole=12.7 Dia., Panel thickness=3.2 max.

Voltage Range	5 to 30V dc, 20V ac modulated at supply frequency
Current	Typically 5mA @ 5V, 15mA @ 30V dc
Sound Output	Typically 75dB (A) @ 12V, 68dB (A) @ 5V, @ 1 Metre
Insulation	7500V mounting panel to circuit
Frequency	Low - 800Hz ±20% (modulated high note) High - 4kHz ±10% -20%
Temperature Range	-40°C to +70°C
Connections	3 Flying leads, 14/0.12mm, 250mm long
Red Lead	Denotes +ve connection, or ac
Black Lead	Denotes -ve connection, or ac
White Lead	Connect to +ve for high frequency (Red) or Connect to -ve for low frequency (black)
Lead Length	250mm

Import Permit may be required in Malaysia

213045

Order Code	Price Each					
	1+	10+	25+	50+	+	+
143-034	31.65	30.11	28.70	24.85	--	--

Four Tone Sounder - 12V



A highly reliable panel mounting, versatile sounder offering four sounds from one unit, each easily selectable by a simple connection change. Ideally suited for applications requiring indication of several different functions.

Dia.=51 (body)
D=41 (behind panel)
Mounting hole=28 Dia
Panel thickness=6.3 max

Voltage	8.4 to 15.6V dc
Sound Output	95dB(A) @ 1 metre
Current	25mA typical
Temperature Range	-40°C to +70°C
Connections:	4 flying leads, 14/0.12mm, 250mm long
Red Lead	Denotes +ve connection
Black Lead	Denotes -ve connection
Orange and white leads	See alternative below
Lead length	140mm

Sound	Lead Connections		Freq. kHz	Pulse rate/sec
	Orange Lead	White Lead		
Yodel	NC	NC	3.0-2.5	2
Pulsed Tone	-ve	NC	2.9	2
Continuous	NC	-ve	3.0	Continuous
Ricohet	Connect Lead Together		3.0-2.5	2

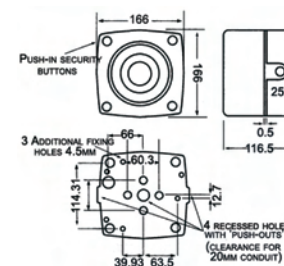
Import Permit may be required in Malaysia

213046

Order Code	Price Each				
	1+	10+	25+	50+	+
143-035	38.92	36.00	35.03	31.06	--

Alarm Sounders & Sirens

Syrex LC - High Output Sounders



High output, low current consumption sounders designed for both fire alarm and industrial use. Weatherproof to IP65 and with a sound output of up to 115dB, they can be used in almost any location to provide an effective alarm.

NEW

- High sound output for areas of high background noise
- Low voltage DC and high voltage AC for use in all applications
- Volume control for greater flexibility
- Colour: Red

	881-0133	881-0141
Voltage	8/57Vdc	110/230Vac
Current	20mA	40mA/12mA
Output	115dB@ 1m	115dB@ 1m
Frequency	Varies	Varies
Rating	Continuous	Continuous
Temperature Range	-40°C to +55°C	-40°C to +55°C
IP Rating	IP 65	IP 65
Weight	600g	800g
Mfrs. List no.	18-980386	18-980388

Import permit may be required for Malaysia.

386401.412341

Description	Order Code	Price Each		
		1+	5+	10+
8/57V DC	881-0133 ▲	190.42	172.45	160.34
110/230V AC	881-0141 ▲	204.02	184.75	171.80

Roshni - 28 Tone 240V AC



Shallow Base H=63,
Dia.=93
Fixing centres=50

- High output electronic sounder for intruder, fire and industrial signalling systems
- 28 tones selectable via DIL switches, pre-set to tone 3
- Second pre-set tone via terminal block
- Automatic synchronised start
- Volume control
- Complies with BS5839 Part 1:1998
- Lockable shallow or deep base options
- Shallow base for indoor use only
- Deep base with 20mm conduit entry, sealed to IP65



Security

36

Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS

Deep Base H=93, Dia.=93
Fixing centres=50 or 60

Operating Voltage 110 to 240Vac
Operating Current(tone 3) 35mA(240V)
Operating Temperature -20°C to +55°C

Sound Output 1m (tone 3) 100dB (A)(240V)
Housing Red ABS

Mfrs. List No. RO/R/S/M/L=331-0231, RO/R/D/M/L=331-0243

Import Permit may be required in Malaysia

227834

	Order Code	1+	10+	25+	50+	+
Shallow Lockable Base	331-0231	81.77	77.71	75.63	69.93	--
Deep Lockable Base	331-0243	81.77	77.71	75.63	69.93	--

Roshni LP - 32 Tone 12/24V DC



Shallow Base H=85, Dia.=93
Fixing centres=50
Deep Base=105, Dia=93
Fixing centres=50 or 60

Operating Voltage 9 to 28Vdc
Operating Current(tone 3) 8mA (12V)
Starting Current 16mA (24V)
30mA (2ms)

Operating Temperature -25°C to +80°C
Sound Output Level 96dB(A) (12V)
@ 1m (tone 3) 102dB(A) (24V)
Housing White ABS

Mfrs. List Nos: ROLP/R/S = 331-0255 ROLP/R/D = 331-0279
ROLP/W/S = 331-0267 ROLP/W/D = 331-0280

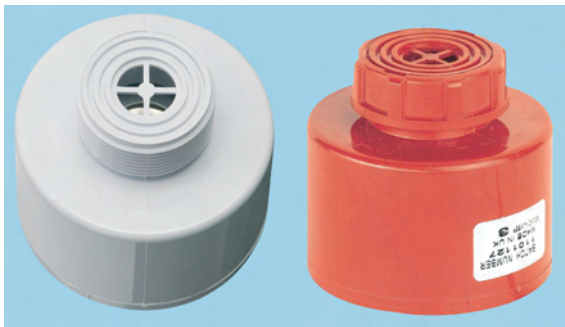
Import Permit may be required in Malaysia

227835

	Order Code	1+	10+	25+	50+	+
Shallow Base						
Red	331-0255	49.63	47.19	45.99	42.24	--
White	331-0267	49.63	47.19	45.99	42.24	--
Deep Base						
Red	331-0279	49.63	47.19	45.99	42.24	--
White	331-0280	49.63	47.19	45.99	42.24	--

Process Sounders

Askari Panel



- Compact sounders, purposely designed to fit through the fascias of control panels or equipment housings
- Single nut fixing ensures simple installation and maximum audibility
- High IP rating allows installation in most process and industrial environments
- Low current consumption
- 32 tones
- Second tone for two stage alarms
- Automatic synchronisation
- Through panel fixing

Voltage 9 - 28V dc
Current 18mA @ 24Vdc
Output 92dB(A) @ 24Vdc
IP Rating IP65

Temperature Range -25°C to +70°C
Dimensions (HxDia) 43 x 50mm
Weight 0.95kg

Import permit may be required for Malaysia.

419567

	Mfrs. List No.	Order Code	1+	10+	25+	50+
Red	AP/R	110-1247	39.84	37.56	36.20	34.34
White	AP/W	110-1248	39.84	37.56	36.20	34.34

Wall Sounders

Symphoni



Ultra-Low Current Sounder

- Efficient wall sounder with ultra-low current
- Automatic synchronisation
- Volume control
- 3 tones
- Lockable base
- Colour: Red

Voltage 12 - 30V dc
Current 5mA @ 24Vdc (all tones)
Output 100dB(A) @ 24Vdc (all tones)
IP Rating IP42
Temperature Range -25°C to +70°C
Dimensions (HxDia) 95 x 110mm
Weight 0.21kg

High Output Sounder

- Suitable for use in open areas or situations with loud background noise
- Very high output
- Relatively low current consumption
- Automatic synchronisation
- Volume control
- 32 tones (switch selectable)
- Second tone for two stage alarms
- Lockable base
- Colour: Red

High Output 9 - 28V dc
240mA @ 24Vdc
114dB(A)/120dB(A) @ 24Vdc (tone 3/tone 6)
IP42
-25°C to +55°C
95 x 110mm
0.58kg

Import permit may be required for Malaysia.

419593

	Mfrs. List No.	Order Code	1+	10+	25+	50+
Ultra Low Current	SY/R	110-1264	62.30	58.75	56.64	53.71
High Output	SYHO/R	110-1266	173.00	163.24	157.28	149.14

2-Wire Wall Sounder

Symphoni



- Efficient wall sounder using just 2 cores to operate both sounders and detection devices
- Can be controlled without the requirement for modified detectors or call points
- Low current consumption
- High output
- 3 tones
- Lockable base

Voltage 24V dc with 2-wire protocol only
Current 5mA
Output 100dB
IP Rating IP21C

Temperature Range +10°C to +55°C
Dimensions (HxDia) 95 x 110mm
Weight 0.22kg

Import permit may be required for Malaysia.

419598

	Mfrs. List No.	Order Code	1+	10+	25+	50+
Red	SY2/R	110-1267	79.58	75.09	72.33	68.62

Quadalarm

Medium Output



A medium output sounder suitable for general purpose commercial and industrial applications

- Wide operating voltage range 10 to 30V dc
- 4 different sound options
- Complies with BS5839 Part 1 : 2002

Supply Voltage 10 to 30Vdc
Current (min.) 20mA
Output sound level @ 1 metre 96dB(A)

Import Permit may be required in Malaysia

212850

Colour	Mfrs. List No.	Order Code	1+	10+	20+	50+	+
Red	YRFRPNS	676-755	53.70	51.00	47.44	40.10	--
White	YRFPWNS	676-767	53.70	51.00	47.44	40.10	--

Yodalarm, Y03 Series - IP54 High Output 100dB(A)



H=89, W=89, D=85,
Fixing centres=102x6 Dia.

Supply Voltage
Output Sound Level @ 1 metre
Current (min)

12/35Vdc or 230ac
100dB(A)
24V dc, 26mA
230V ac, 13mA35V

Volume Control (18dB approx) d/c conversion only
Operating Temperature

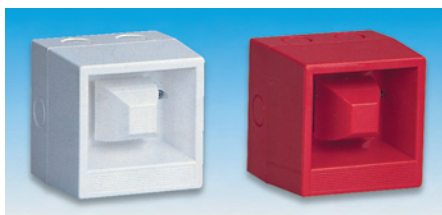
-25°C to +55°C

Import Permit may be required in Malaysia

212852

Voltage	Mfrs. List No.	Order Code	1+	5+	10+	20+	+
24V dc	1YA030254	676-779	87.05	78.34	74.84	68.92	--
230Vac	1YA030259	676-780	127.36	120.96	112.49	97.21	--

Yodac, Y04 Series - IP54 12/24V dc



H=88, W=88, D=80.8

A versatile, compact electronic sounder designed for fire, security and hazard warning

- High sound output
- Low current consumption, ideal for multi sounder installations
- 32 different sound signals (Selectable via DIP switch)
- 2 stage alarm
- Manufactured from high impact resistant ABS
- Complies with BS5839, Part 1 : 2002

Volume Control (18dB approx)
Supply Voltage 24Vdc (12-35VDC)
Minimum Current Consumption 20mA

Operating Temperature
Output Sound Level @ 1 metre 106dB
Operating Temperature

-25°C to +55°C

Import Permit may be required in Malaysia

222249

Voltage	Colour	Mfrs. List No.	Order Code	1+	10+	25+
12/24V dc	White	1YA040262	676-834	84.85	76.42	72.23
12/24V dc	Red	1YA040263	676-846	84.85	76.42	72.23

Yodalarm, Y05/Y08 & Y08 Super Series - IP54



Y05 Series:
H=134, W=134, D=128,
Fixing centres=153 x 8 Dia.



Y08 Series Y08 Super:
H=216, W=216, D153
Fixing centres 250 x 10 Dia.

High output alarm sounders, ideally suited for fire, safety security and industrial process sectors

- Low current consumption
- 32 sound signals via dip switch

- Manufactured from flame retardant ABS
- Sealed to IP54
- Complies with BS5839, Part 1 : 2002

Output sound level @ 1 metre
Current

Y05 Series	Y08 Series	Y08 Super
106dB(A) 24V dc 30mA	112dB(A) 24V dc, 300mA (A)	120 dB (A) 24V dc, 300mA (A)
240V ac, 13mA	240V ac, 55mA (A)	240V ac, 300mA (A)

Volume Control (18dB approx) dc version only
Operating Temperature

-25°C to +55°C -25°C to +55°C -25°C to +55°C

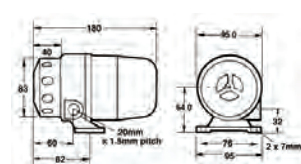
Import Permit may be required in Malaysia

212853

Voltage	Mfrs. List No.	Order Code	1+	5+	10+
24V dc	1YA050254	676-792	171.64	145.94	134.85
230V ac	1YA050258	676-809	158.92	135.13	127.20
24V dc	1YA080255	676-810	342.79	293.99	272.41
230V ac	1YA080260	676-822	367.29	--	--
24V dc super	1YA080271	388-8423	469.86	427.17	391.58
230V ac super	1YA080270	388-8435	567.03	515.50	472.53

Sirens - Motor Driven

Mono 72 - High Output Sirens



Powerful motor driven sirens producing clear high output siren sounds. With their weatherproof design they can be used both indoors and outdoors for security, fire alarm, process control alarm and general safety warnings.

- High output siren sound (120dB)
- Rugged construction for use in all environments
- High voltage AC
- Mounting bracket for ease of installation
- Long life
- Colour: Red/Black

NEW

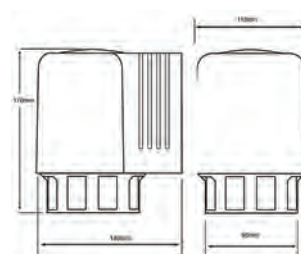
Voltage	881-0168 110V AC/DC	881-0176 230V AC/DC
Current	1.0A	0.46A
Output	120dB@ 1m	120dB@ 1m
Frequency	1800Hz	1800Hz
Rating	Continuous	Continuous
Temperature Range	-30°C to +45°C	-30°C to +45°C
IP Rating	IP 65	IP 65
Weight	1.7kg	1.7kg
Mfrs. List no.	18-980203	18-980205

Import permit may be required for Malaysia.

386403

Description	Order Code	1+	5+	10+
110V AC/DC	881-0168 ▲	306.04	277.20	257.73
230V AC/DC	881-0176 ▲	306.04	277.20	257.73

Master Blaster - High Output Siren



A powerful motor driven siren producing a very high sound output, designed for use as an internal or external security alarm.

- High output 230V AC siren sound designed to deter intruders
- Choice of 12V DC or 24V AC trigger relay for both security and fire use
- Continuously rated
- Separate mounting bracket for ease of installation
- Pre-wired and supplied with 1m of cable
- Colour: Yellow

NEW

Security

36

Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS

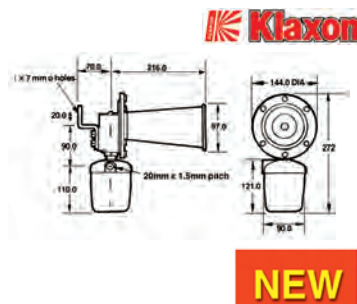
Voltage	230Vac	Temperature Range	-30°C to +45°C
Current	1.0A	IP Rating	-
Output	127dB@ 1m	Weight	1.8kg
Frequency	1800Hz	Mfrs. List No.	18-980043
Rating	Continuous		

Import permit may be required for Malaysia.

386402.412342

Description	Order Code	1+	5+	10+
Siren	881-0150 ▲	360.46	326.44	303.53

A1 - Hooters



Powerful motor driven hooters giving the unique 'Klaxon' sound. Their high output, changing frequency notes provide a powerful warning tone that can cut through background noise in almost any environment, making them ideal for use as time signalling alarms or process alarms in noisy industrial environments or marine applications.

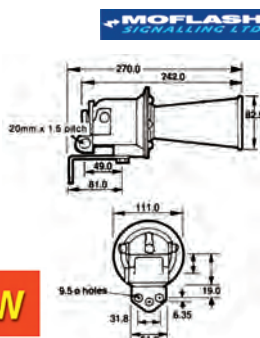
- Powerful high output penetrating sound
 - Rugged construction
 - Special finish giving excellent chemical resistance, suitable for use in highly corrosive conditions
 - Colour: Grey/Black
- | | | | | | |
|-----------|------------|------------|-----------------------|-----------------------|----------------|
| 881-0184 | 881-0206 | Rating | On 2 mins, Off 5 mins | On 2 mins, Off 5 mins | |
| Voltage | 110V AC/DC | 230V AC/DC | Temperature Range | -35°C to +66°C | -35°C to +66°C |
| Current | 0.84A | 0.76A | IP Rating | IP 65 | IP 65 |
| Output | 120dB@ 1m | 120dB@ 1m | Weight | 2.1kg | 2.1kg |
| Frequency | 470Hz | 470Hz | Mfrs. List no. | 18-980282 | 18-980284 |

Import permit may be required for Malaysia.

386404

Description	Order Code	1+	5+	10+
110V AC/DC	881-0184 ▲	995.67	965.50	951.40
230V AC/DC	881-0206 ▲	995.67	965.50	951.40

KLAXET Hooter



- High power motor driven hooters
- Used in areas of high ambient noise
- Used for start/stop, time signalling etc.
- Grey stove enamel finish

Current	0.5A @ 110V, 0.33A @ 230V	Operating Temperature	-20°C to +40°C
Output	111dB	IP Rating	IP 54
Frequency	470Hz	Weight	1.6kg
Rating	On 1 Off 5 mins		

Import permit may be required for Malaysia.

419100

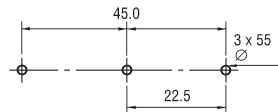
Voltage	Mfrs. List No.	Order Code	1+	5+	10+
110Vac	AHKLAXET-1008	108-4976	587.07	563.11	537.99
230Vac	AHKLAXET-1010	108-4977	587.07	563.11	537.99

Beacons

Low Profile, 1 Watt



Beacon H=45, 60
(mounting base fitted) Dia=77



Drilling pattern for bell box or panel mounting

Mounting base

- Low profile, low current, high efficiency xenon beacons fitted with a coloured lens sealed to **IP67**
- Surface mounting a base is available separately
- Accessories are included to enable the beacons to be bayonet fitted onto a mounting base

Flash rate	1 per second	Voltage range	12V dc	10 to 15V
Connection	Flying lead 500mm Red +ve, Black -ve		24V dc	20 to 30V
		Current	12V dc	115mA
		Current	24V dc	55mA

Import Permit may be required in Malaysia

213051

Colour	Order Code	1+	10+	20+	50+	+
12V dc						
Amber	223-700	43.33	37.47	33.66	30.78	--
Clear	223-712	43.33	37.47	33.66	30.78	--
Red	223-724	43.33	37.47	33.66	30.78	--
Blue	223-736	43.33	37.47	33.66	30.78	--
24V dc						
Amber	223-748	51.47	44.55	39.90	36.54	--
Clear	223-750	51.47	44.55	39.90	36.54	--
Red	223-761	51.47	44.55	39.90	36.54	--
Blue	223-773	51.47	44.55	39.90	36.54	--
Mounting base	223-785 ●	7.31	6.36	5.71	5.20	--

Multi-voltage Xenon Beacons

delta design



Low profile: H=45mm Dia.=77mm
Standards: H=95MM Dia.=77mm

- Low current consumption range of xenon beacons
- Weatherproof to **IP67** when installed
- Low profile and standard height versions available in two colours and two power outputs
- Supplied with 500mm flying leads
- 360° visibility
- Separate mounting bracket available which allows wiring from the side as well as from the base

Colour	Power Output	Current Consumption (mA)	Flash Rate	Order Code
Amber	1W	@12V 112, @24V 63, @50V 50, @100V 29	60/Min	353-9416
Red	1W	@12V 112, @24V 63, @50V 50, @100V 29	60/Min	353-9428
Amber	2W	@12V 130, @24V 95, @50V 83, @100V 37	75/Min	353-9430
Red	2W	@12V 130, @24V 95, @50V 83, @100V 37	75/Min	353-9441
Amber	2W	@12V 130, @24V 95, @50V 83, @100V 37	75/Min	353-9453
Red	2W	@12V 130, @24V 95, @50V 83, @100V 37	75/Min	353-9465
Amber	5W	@12V 255, @24V 190, @50V 112, @100V 70	75/Min	353-9477
Red	5W	@12V 255, @24V 190, @50V 112, @100V 70	75/Min	353-9489

Voltage range
10-100Vdc
20-72Vac

Import Permit may be required in Malaysia

227849

Colour	Power	Order Code	1+	10+	20+	50+	+
Low Profile							
Amber	1W	353-9416	44.31	41.64	39.45	35.37	--
Red	1W	353-9428	44.31	41.64	39.45	35.37	--
Amber	2W	353-9430	44.98	42.39	40.14	35.97	--
Red	2W	353-9441	44.98	42.39	40.14	35.97	--
Standard							
Amber	2W	353-9453	55.32	52.14	49.38	44.25	--
Red	2W	353-9465	55.32	52.14	49.38	44.25	--
Amber	5W	353-9477	75.58	71.10	67.38	60.36	--
Red	5W	353-9489	75.58	71.10	67.38	60.36	--
Mounting Bracket		353-9490 ●	8.64	8.20	7.75	7.00	--

Xenon Beacons
Inergi

Fulleon



Shallow Base



Deep Base

- Audible and visual devices that require one single installation point
- High output sounder beacon
- Automatic sounder synchronisation
- Tones: 12V preset to tone 5, 24V preset to tone 3
- Volume control
- Reverse polarity monitoring
- Lockable base
- Additional shallow bayonet base available

NEW

Voltage	20 - 30V dc	Dimensions (HxDia):	
Current	45mA/90mA (1W/2W)	- Shallow Base	72 x 93mm
Flash Rate	1Hz	- Deep Base	102 x 93mm
IP Rating	IP54/IP65 (Shallow/Deep)	Weight	0.23kg
Temperature Range	-20°C to +55°C		

Import permit may be required for Malaysia.

419600

Type	Mfrs. List No.	Order Code	1+	10+	25+	50+
Shallow Base						
24V 1W	IB/R/S/1/24	110-1270▲	69.20	65.30	62.92	59.66
24V 2W	IB/R/S/2/24	110-1271▲	69.20	65.30	62.92	59.66
Deep Base						
24V 1W	IB/R/D/1/24	110-1272▲	69.20	65.30	62.92	59.66
24V 2W	IB/R/D/2/24	110-1273▲	69.20	65.30	62.92	59.66
Additional Base						
Shallow Base	BAYONET BASE	110-1260▲	4.82	4.56	4.39	4.17

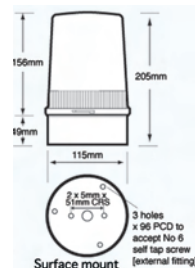
Standard Beacon

- Choice of coloured polycarbonate lens
- Emits an intense pulse of light at one second intervals
- Sealed to **IP65** and suitable for warning and alarm application
- All 3w beacons are supplied with mounting base
- Easy connection by removable terminal block
- 12/24V versions configured with wiring options on the terminal block

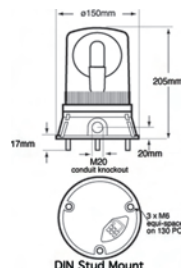
Import Permit may be required in Malaysia

224501

Colour	Order Code	1+	10+	25+	50+
Low Profile 12V/24V DC 2W					
Amber	188-438	41.04	37.95	35.91	34.89
Clear	188-440	41.04	37.95	35.91	34.89
Red	188-451	41.04	37.95	35.91	34.89
Blue	188-463	41.04	37.95	35.91	34.89
Green	188-475	41.04	37.95	35.91	34.89
12V/24V DC 3W					
Amber	188-281	58.74	54.36	51.42	49.98
Clear	188-293	58.74	54.36	51.42	49.98
Red	188-300	58.74	54.36	51.42	49.98
Blue	188-311	58.74	54.36	51.42	49.98
Green	188-323	58.74	54.36	51.42	49.98
110V AC 3W					
Amber	188-335	59.28	54.90	50.34	48.93
Clear	188-347	59.28	54.90	50.34	48.93
Red	188-359	59.28	54.90	50.34	48.93
Blue	188-360	59.28	54.90	50.34	48.93
Green	188-372	59.28	54.90	50.34	48.93
230V AC 3W					
Amber	188-384	57.57	53.31	48.30	47.28
Clear	188-396	58.08	54.90	50.34	48.93
Red	188-402	58.08	54.90	50.34	48.93
Blue	188-414	58.08	54.90	50.34	48.93
Green	188-426	58.08	54.90	50.34	48.93

Xenon Beacons - High OutputStud mounting dimension=3 M6
equi-spaced on 130pcd

Surface mount



DIN Stud Mount

- High visibility flashing xenon beacons for commercial/industrial installations
- X125, 200 and 201 suitable for surface, conduit box (BE-SA) or anti-vibration plate mounting (Order Code **309-9672**)
- X300 and 301 DIN stud mounting
- X200, 201, 300 and 301 optional double flash rate
- Sealed to **IP65**

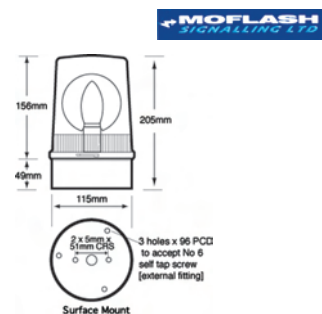
Operating Temperature	-25°C to + 66°C
Supply voltage	±20%

Supply Voltage	Current	Flash Rate/Min	Light Source	Light Output (Joules)	Base Dimensions H Dia.	Mfrs List No.	Order Code
Surface Mounting							
12/24Vdc	1.45/700mA	60/90	Xenon tube light source	10/7.5	49	115	X201-18FA 309-9260
115Vac	100mA	60/90	Xenon tube light source	10/7.5	49	115	X200-21FA 309-9246
230Vac	60mA	60/90	Xenon tube light source	10/7.5	49	115	X200-22FA 309-9258
DIN Stud Mounting							
12/24	1.45/700mA	60/90	Xenon tube light source	10/7.5	94	150	X301-18FA 309-9295
115Vac	100mA	60/90	Xenon tube light source	10/7.5	94	150	X300-21FA 309-9271
230Vac	60mA	60/90	Xenon tube light source	10/7.5	94	150	X300-22FA 309-9283

Import Permit may be required in Malaysia

227855

Mfrs. List No.	Order Code	1+	5+	10+	25+
Surface Mounting					
X200-21FA	309-9246	169.28	160.83	150.69	137.85
X200-22FA	309-9258	169.28	160.83	150.69	137.85
X201-18FA	309-9260	188.77	181.02	171.42	158.67
DIN Stud Mounting					
X301-18FA	309-9295	200.31	191.94	181.62	167.94
X300-21FA	309-9271	178.21	169.68	159.36	146.16
X300-22FA	309-9283	178.21	169.68	159.36	146.16
Domes					
Amber	309-9593	19.08	17.82	16.41	--
Red	309-9600	19.08	17.82	16.41	--
Blue	309-9611	19.08	17.82	16.41	--
Green	309-9623	19.08	17.82	16.41	--
Clear. Colourless	309-9635	16.08	15.80	15.39	--

Rotating BeaconsStud mounting dimensions=3xM6
equi-spaced on 130 pc

Surface Mount

- Very effective signal with 360° beam
- Twin belt drive system
- R200 and 201 suitable for surface or conduit mounting
- R300 and 301 DIN stud mounting
- Suitable for use with mounting bracket
- Sealed to **IP65**

Operating temperature	-10°C to +66°C	AC supply voltage tolerance	-10% + 15%
DC supply voltage tolerance	±20%		

Supply Voltage	Current	Rotational Speed (rpm)	Light Source	Base Dimensions H Dia.	Mfrs List No.	Order Code
Surface Mounting						
12Vdc	4.7A	160	H1x55W Halogen	49	115	R201-13FA 309-9404
24Vdc	3A	160	H1x70W Halogen	49	115	R201-14FA 309-9416
115Vac	550mA	120	Ba 15d x 60W	49	115	R200-04FA 309-9386
230Vac	290mA	120	Ba 15d x 60W	49	115	R200-05FA 309-9398
DIN Stud Mounting						
12Vdc	4.7A	160	H1x55W Halogen	49	150	R301-13FA 309-9441
24Vdc	2.9A	160	H1x70W Halogen	49	150	R301-14FA 309-9453
115Vac	380mA	120	E14 x 40W	49	150	R300-04FA 309-9428
230Vac	200mA	120	E14 x 40W	49	150	R300-05FA 309-9430

Security

36

Compliant
Non-compliant
RoHS

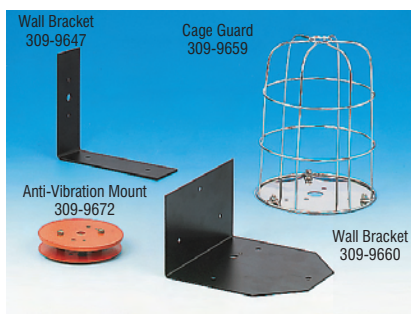
Limited stock - RoHS replacement available

Import Permit may be required in Malaysia

227856

Mfrs. List No.	Order Code	1+	5+	10+	25+
Surface Mounting					
R201-13FA	309-9404	102.72	95.79	87.84	78.39
R201-14FA	309-9416	102.72	95.79	87.84	78.39
R200-04FA	309-9386	122.03	113.70	104.19	92.82
R200-05FA	309-9398	122.03	113.70	104.19	92.82
DIN Stud Mounting					
R301-13FA	309-9441	117.87	110.58	102.12	91.86
R301-14FA	309-9453	117.87	110.58	102.12	91.86
R300-04FA	309-9428	123.53	115.86	107.01	96.27
R300-05FA	309-9430	123.53	115.86	107.01	96.27
Domes					
50064FA	309-9593	19.08	17.82	16.41	--
50065FA	309-9600	19.08	17.82	16.41	--
50066FA	309-9611	19.08	17.82	16.41	--
50067FA	309-9623	19.08	17.82	16.41	--
50068FA	309-9635	16.08	15.80	15.39	--

Beacon Accessories.



All parts only suitable for Moflash Beacons

Import Permit may be required in Malaysia

213053

Beacon Accessories	Mfrs. List No.	Order Code	1+	5+	10+	25+
Right Angled Wall Bracket for 125, 200 and 201 Series	50001	309-9647	27.34	26.46	25.29	23.69
Stainless Steel Cage Guard for 200 and 201 Series	50002	309-9659	130.57	120.83	109.88	--
Right Angled Wall Bracket for 300, 301, 400 and 401 Series	50004	309-9660	43.25	40.54	37.45	33.67
Anti Vibration Mount for 125, 200 and 201 Series	50080	309-9672	58.08	55.98	53.34	49.68
Replacement Bulbs						
E14 x 40W 115V ac	50055	309-9684	7.02	6.66	6.15	5.37
E14 x 40W 230V ac	50056	309-9696	7.02	6.66	6.15	5.37
Ba15d x 60W 115V ac	50028	309-9702	6.49	5.97	5.34	4.44
Ba15d x 60W 230V ac	50029	309-9714	5.83	5.52	5.13	4.44
H1 x 55W Halogen 12V dc	50032	309-9726	7.83	7.35	6.81	6.12
H1 x 70W Halogen 24V dc	50033	309-9738	7.83	7.35	6.81	6.12
Xenon Tube - Multi Voltage	50034	309-9740	18.36	17.52	16.50	15.15
Ba15d x 21W 12V ac/dc	50040	309-9751	5.83	5.52	5.13	4.44
Ba15d x 21W 24V ac/dc	50041	309-9763	5.83	5.52	5.13	4.44
Ba15d x 15W 115V ac	50042	309-9775	5.83	5.52	5.13	4.44
Ba15d x 15W 230V ac	50043	310-0510	5.83	5.52	5.13	4.44
Ba15s x 10W 12V ac/dc	50087FA	329-7251	3.12	3.03	2.85	2.61
Ba15s x 10W 24V ac/dc	50088FA	329-7410	6.24	6.03	5.76	5.19

Flashalarm, Xenon Beacon

V4 Series - IP65



A range of electronic xenon beacons ideally suited to providing a visual alarm, indicating a location or the operation of a hazardous process.

- High flash intensity
- Continuously rated
- Complements the Y04 Series of sounders SEE PAGE 1217
- Sealed to IP65

H=88, W=88, D=80.8

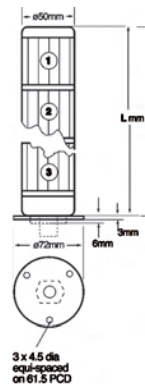
Voltage	Current (mA)	Flash energy (joules)	Flash rate	1Hz
12Vdc	300	2.5	Operating temperature	-25°C to +40°C
24Vdc	150	2.5		
220Vac	35	5		

Import Permit may be required in Malaysia

222250

Voltage	Base Colour	Lens Colour	Mfrs. List No.	Order Code	1+	10+	25+
12V dc	White	Red	1FL040371.	676-858	107.90	97.14	91.77
24V dc	Red	Red	1FL040363.	676-860	107.90	97.14	91.77
24V dc	Red	Amber	1FL040362.	676-871	107.90	97.14	91.77
220Vac	Red	Red	1FL040372.	676-883	97.46	87.75	82.92
220Vac	Red	Amber	1FL040361.	676-895	97.46	87.75	82.92

TLFF Series Tower Lights - Flashing Filament



- 2 and 3 stack flashing filament beacons
- 360° visibility
- Supplied complete ready for installation
- Sealed to IP54

Operating temperature -25°C to +66°C
Supply voltage tolerance ±20%
Flash rate per min. 60

Supply Voltage	Element Lens Colour	Current (per element)	Light Source	Body Height L	Mfrs. List No.	Order Code
24Vac/dc	Red, Amber, Green	450mA	Ba15s10W	243	TLSS-S-3-24FA	329-7354
230Vac	Red, Green	50mA	Ba15s10W	178	TLFF-S-2-230FA	329-7342
230Vac	Red, Amber, Green	50mA	Ba15s10W	243	TLFF-S-3-230FA	329-7366

Import Permit may be required in Malaysia

227850

Tower Light Beacons	Order Code	1+	5+	10+	25+
Surface Mounting					
24Vac/dc Red, Amber, Green	329-7354	169.95	163.02	154.86	144.30
230Vac Red, Green	329-7342	158.39	151.95	144.33	134.46
230Vac Red, Amber, Green	329-7366	169.95	163.02	154.86	144.30

Modular Stacking Beacons

SIRENA



- Continuous or flashing versions
- Audible alarm module has 6 selectable sound outputs per module
- Maximum 5 modules per single column, 10 per two way column
- For continuous and flashing light modules, order bulb separate, according to supply voltage
- Xenon modules supplied complete with 2 Joule xenon beacon
- Protection to IP65

Complete light tower = base module + number of light modules + audible alarm module or accessories as required.

Operating temperature
Filament beacons -30°C to +60°C
Xenon beacons -10°C to +50°C

205791

Colour	Voltage	Order Code	1+	5+	10+	25+
Continuous Light						
Blue	240V Max	725-2560	41.19	39.12	37.41	35.34
Amber	240V Max	725-2572	41.19	39.12	37.41	35.34
Red	240V Max	725-2584	41.19	39.12	37.41	35.34
Green	240V Max	725-2596	41.19	39.12	37.41	35.34
Yellow	240V Max	725-2602	41.19	39.12	37.41	35.34
Clear (colourless)	240V Max	725-2614	41.19	39.12	37.41	35.34
Flashing Light						
Blue	12 to 48V dc	725-2626	121.60	116.10	110.52	104.37
Amber	12 to 48 dc	725-2638	121.60	116.10	110.52	104.37
Red	12 to 48 dc	725-2640	121.60	116.10	110.52	104.37
Green	12 to 48 dc	725-2651	121.60	116.10	110.52	104.37
Amber	12 to 48 dc	725-2663	121.60	116.10	110.52	104.37
Clear	12 to 48 dc	725-2675	121.60	116.10	110.52	104.37
Blue	24 to 240V ac	725-2687	121.60	116.10	110.52	104.37
Amber	24 to 240V ac	725-2699	121.60	116.10	110.52	104.37
Red	24 to 240V ac	725-2705	121.60	116.10	110.52	104.37
Green	24 to 240V ac	725-2717	121.60	116.10	110.52	104.37
Yellow	24 to 240V ac	725-2729	121.60	116.10	110.52	104.37
Xenon Flashing Light						
Blue	24V ac/dc	725-2742	215.76	204.96	196.08	185.19
Amber	24	725-2754	215.76	204.96	196.08	185.19
Red	24	725-2766	215.76	204.96	196.08	185.19
Green	24V ac/dc	725-2778	215.76	204.96	196.08	185.19
Yellow	24	725-2780	215.76	204.96	196.08	185.19

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

Colour	Voltage	Order Code	1+	5+	10+	25+
Xenon Flashing Light						
Blue	110	725-2808	190.35	182.61	174.72	165.00
Amber	110	725-2810	192.23	182.61	174.72	165.00
Red	110	725-2821	192.23	182.61	174.72	165.00
Green	110	725-2833	192.23	182.61	174.72	165.00
Blue	230/240V ac	725-2869	192.23	182.61	174.72	165.00
Amber	230/240V ac	725-2870	192.23	182.61	174.72	165.00
Red	230/240V ac	725-2882	192.23	182.61	174.72	165.00
Green	230/240V ac	725-2894	192.23	182.61	174.72	165.00
Yellow	230/240V ac	725-2900	192.23	182.61	174.72	165.00
Clear (Colourless)	230/240V ac	725-2912	190.35	182.61	174.72	165.00
Audible Alarm Modules						
IP54-Max 78dB	12 to 48V ac/dc	725-3047	121.60	115.50	110.52	104.37
IP54-Max 78dB	110 to 240V ac/dc	725-3059	121.60	115.50	110.52	104.37
IP65-Max 70dB	12 to 48V ac/dc	725-3060	121.60	115.50	110.52	104.37
IP65-Max 70dB	110 to 240V ac/dc	725-3072	121.60	115.50	110.52	104.37
Mounting Accessories						
Base Module		725-2948	64.72	61.47	58.83	55.56
Foot		725-2950	15.70	14.91	14.25	13.47
Extension Stem		725-2961	13.34	12.66	12.12	11.46
Wall Bracket	One Way	725-2973	23.53	22.38	21.39	20.22
Wall Bracket	Two Way	725-2985	25.49	24.21	23.16	21.87
Filament Bulbs						
12V		725-2997	4.21	4.08	3.87	3.48
24V		725-3000	4.21	4.08	3.87	3.48
48V		725-3011	4.21	4.08	3.87	3.48
130V		725-3023	5.21	5.07	4.77	4.29
240V		725-3035	6.30	6.06	5.79	5.22

Combined Sounders & Beacons

Xenon Beacon/Sounders Flashni



- Audible and visual devices that require one single installation point
- High output sounder beacon
- Automatic sounder synchronisation
- Tones: 12V preset to tone 5, 24V preset to tone 3
- Volume control
- Reverse polarity monitoring
- Lockable base

NEW

Voltage	12V 9 - 15V dc	24V 18 - 30V dc
Current	100mA	68mA
Output	101dB(A)	101dB(A)
Beacon	0.7J	0.7J
Flash Rate	1Hz	1Hz
IP Rating	IP65	IP65
Temperature Range	-10°C to +55°C	-10°C to +55°C
Dimensions (HxDia)	92 x 93mm	121 x 93mm
Weight	0.33kg	0.29kg

Import permit may be required for Malaysia.

419577

Colour (Base/Lens)	Mftrs. List No.	Order Code	1+	10+	25+	50+
24V Shallow Base						
White/Red	FL/RL/W/S	110-1253▲	134.95	127.30	122.68	116.33
White/Amber	FL/AL/W/S	110-1254▲	134.95	127.30	122.68	116.33
12V Deep Base						
White/Amber	FL/AL/W/D/12V	110-1257▲	134.95	127.30	122.68	116.33
White/Red	FL/RL/W/D/12V	110-1258▲	134.95	127.30	122.68	116.33
White/Blue	FL/BL/W/D/12V	110-1259▲	134.95	127.30	122.68	116.33

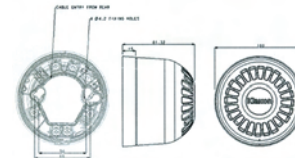
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The very latest NEW products

Sonos - DC LED Beacons and Sounders



NEW



A new generation of sounder beacons, complete with a choice of 32 tones, that are designed for use in applications such as industrial, fire, security and the automotive industry.

- Unique wire-to-base facility reduces installation time
- Plastic casing is the lens, providing greater light spread
- High output with long life
- EN54 3:2001 compliant
- Shallow base version dims: W - 100mm, H - 81.3mm
- Deep base version dims: W - 97.5mm, H - 104.1mm
- Colour: Red base and red lens

Voltage	17 - 60Vdc	Rating	Continuous
Current	10 - 50mA (tone dependent)	Temperature Range	-25°C to +70°C
Output	107dB@ 1m	IP Rating	IP 65 (Deep Base)
Frequency	400 - 2850Hz	Weight	215g (Shallow Base), 250g (Deep Base)

Import permit may be required for Malaysia.

386406

Type	Mftrs. List No.	Order Code	1+	5+	10+
With Sounder					
Shallow Base	18-980500	881-0257▲	120.79	119.00	111.65
Deep Base	18-980501	881-0265▲	122.42	119.00	111.65
Without Sounder					
Shallow Base	18-980507	881-0273▲	65.30	61.16	57.13
Deep Base	18-980508	881-0281▲	68.55	63.51	59.60

LED Sounder/Beacons Solista



SQM



ROLP

SQM Sounder/Beacon

- Creates an audible and visual alarm with just one installation point
- Low profile format
- LEDs have lower current consumption than that of traditional xenon beacons

- 4 tones
- Reverse polarity monitoring
- Colour: Red with red lens

ROLP Sounder/Beacon

- An audible and visual alarm with just one installation point
- LEDs have lower current consumption than that of traditional xenon beacons
- Unobtrusive design
- 32 tones
- Reverse polarity monitoring
- Requires a bayonet base (not supplied)
- Colour: Red with red lens

Voltage	9 - 28V dc	ROLP	9 - 28V dc
Current	3mA / 6mA (user selectable)		20mA (set at tone 3)
Output	90dB(A)/97dB@24Vdc (lo/hi setting)		102dB(A)
Flash Intensity	≥0.5Cd / 1.0Cd (user selectable)		≥0.5Cd
Flash Rate	0.5Hz / 1Hz (user selectable)		1Hz (fixed)
IP Rating	IP42		IP54
Temperature Range	-10°C to +55°C		-10°C to +55°C
Dimensions (HxDia)	58 x 102mm		58 x 93mm
Weight	0.26kg		0.3kg

NEW

Security

36

Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available

Import permit may be required for Malaysia.

419609

Type	Mfrs. List No.	Order Code	Price Each			
			1+	10+	25+	50+
Sounder/Beacons						
SQM	SOL(SQM)/RL/R	110-1278 ▲	69.20	65.30	62.92	59.66
ROLP	ROLPL/RL/R/N	110-1279 ▲	138.40	130.59	125.84	119.33
Additional Base						
Shallow Base	BAYONET BASE	110-1260 ▲	4.82	4.56	4.39	4.17

Flashni - 24V DC

2 Tone With Integral Beacon

FULLEONH=121, Dia.=93,
Fixing centres=50 or 60

Operating voltage	18 to 30V dc	Flash energy	0.7J
Current	68mA (average)	Flash rate	60/min
Sound output @ 1m	101dB(A)	Lens	Red or amber polycarbonate
Operating temperature	-10°C to +55°C	Housing	Red or white ABS

Mfrs. List No. FL/RL/R/D = 331-0292, FL/RL/W/D = 331-0309, FL/AL/W/D = 331-0310

Import Permit may be required in Malaysia

227858

Base Colour	Lens Colour	Order Code	Price Each			
			1+	10+	50+	+
Red	Red	331-0292	120.46	114.44	111.42	103.00
White	Red	331-0309	120.46	114.44	111.42	103.00
White	Amber	331-0310	122.06	115.64	113.02	104.61

Yodalight, YL4 Series-IP54

Multitone with Integral Beacon



A versatile, compact electronic sounder with integral high intensity flashing beacon designed for fire, security and hazard warning.

- High sound output 96-106 dB
- 32 different sound options
- Continuously rating
- Sealed to IP54
- Complies with BS5839, Part 1 : 2002

Operating temperature -25°C to +40°C

H=179, W=88, D=80.8

Import Permit may be required in Malaysia

224504

Voltage	Base Colour	Lens Colour	Mfrs. List No.	Order Code	Price Each		
					1+	10+	25+
12V	White	Red	1YL040270.	676-901	187.12	168.56	157.09
12V	White	Amber	1YL040263.	676-913	173.34	156.05	148.18
24V	Red	Red	1YL040265.	676-925	173.28	156.05	148.18
24V	Red	Amber	1YL040264.	676-937	187.12	168.56	157.09
230V	Red	Red	1YL040274.	388-8368	215.40	195.84	179.52
230V	Red	Amber	1YL040273.	388-8370	215.40	195.84	179.52

Yodalight, YL5 Series - IP54

Multitone with Integral Beacon



The YL5 consists of a Y05 alarm and V4 Xenon flash alarm giving both an audible and visual alarm in one compact unit.

- Flame retardent case and lens
- High sound output
- 32 different sound options
- 2 stage alarm
- DC model has a volume control with a 15dB range
- Sealed to IP54
- Complies with BS5839 Part 1 : 2002

H=191.5, W=134, D=128
Fixing centres=153x8 Dia.

Selectable sound options : Alternate two tone, continuous, interrupted tone, slow whoop, swept frequency, siren, fast whoop, alternate fast two tone

Supply voltage	24V dc or 230V ac	Output flash energy	5J
Output sound level @ 1 metre	106dB(A)	Flash rate 1Hz	1Hz
Current	48V dc, 320mA 230V ac, 48mA	Sound frequency	800Hz to 1KHz
		Operating temperature	-25°C to +55°C

Import Permit may be required in Malaysia

212854

Voltage	Beacon Colour	Mfrs. List No.	Order Code	Price Each		
				1+	5+	10+
24	Red	1YL050261.	676-949	297.65	282.81	262.99
230	Red	1YL050259.	676-950	275.61	261.86	248.09
230	Amber	1YL050260.	676-962	275.61	261.86	248.09

Yodalight, YL8/YL8 Super

32 Tone with Integral Beacon



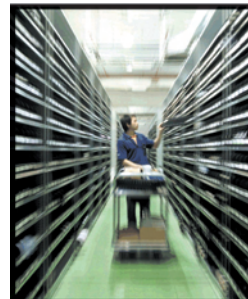
- High sound output
- 32 selectable tones
- 2 stage alarm
- Independently selectable second stage
- Flame retardant ABS plastic enclosure
- Flame retardant polycarbonate lens
- Complies with BS5839 Pt1:2002
- Sealed to IP54

Supply voltage	24V dc or 240V ac	Output flash energy	5J
Output sound level @ 1 metre	Standard 116dB(A) Super 120dB(A)	Operating temperature	-25°C to +55°C
Current consumption (minimum)	Standard 300mA	Weight	Standard 2.5kg Super 3kg

Import Permit may be required in Malaysia

232265

Voltage	Lens Colour	Mfrs. List No.	Order Code	1+	Price Each 5+	10+
Standard						
24V	Red	1YL080272	388-8381	571.91	519.94	476.63
24V	Amber	1YL080271	388-8393	571.91	519.94	476.63
230V	Red	1YL080270.	388-8400	632.96	575.44	527.47
230V	Amber	1YL080269.	388-8411	632.96	575.44	527.47
Super						
24V	Red	1YL080276.	388-8459	591.58	537.83	493.01
24V	Amber	1YL080275	388-8447	591.58	537.83	493.01
230V	Red	1YL080274.	388-8460	626.41	569.46	522.02
230V	Amber	1YL080273.	388-8472	626.41	569.46	522.02

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