KNIGHT
FIRE & SECURITY

Fire & Security products

The Leading Range

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KNIGHT
FIRE & SECURITY

You want the UK's largest range of versatile graded magnetic contacts, junction boxes, panic buttons, including multi-resistors? You've got it!

You want to see unbeatable quality backed up with accreditation? You've got it.

You want to work with a business which cares about its customers' needs? You've got it.

At Knight, what concerns us most is what you want. We offer an unrivalled level of customer service, going out of our way to ensure the best in terms of design, quality, flexibility and aftercare. Our technical and sales support is second to none, and we are proud to be in a position where we're able to quickly react to any customer requirement.

By staying at the cutting edge of design and manufacture, we give our customers the peace of mind to know that they're always buying the best, whether it's BS EN50131 Grade 3 products for high end commercial or residential schemes, Grade 2 for core security projects or Grade 1 for the DIY market. Our sister company Knight Precision Tooling undertakes CAD/CAM design at its purpose-built toolmaking facility, and all production and injection moulding of products is done at our factory in Cardiff.

Our moulding and engineering products are constantly used by many of the UK's highest profile manufacturing companies. Please contact us if you are interesed in learning more about what we have to offer.

Further technical info available on **www.knightfireandsecurity.com**

The best service

Our sales team is happy to visit your site and learn all about your exact requirements – we're able to offer the best in technical advice and product selection, and our customer service is winning us plaudits across the industry.

Quality counts

With ISO 9001-2008 accreditation and an international supply network reaching over 30 countries, we manufacture all our products here in the UK without importing or reselling. We've been in the industry for nearly 30 years and have continually improved our working practises and product range in alignment with market requirements and industry trends. We are a member of the BSIA.

Listening to you

We supply multi-functional products to meet the needs of distributors and installers - because it's what you told us you wanted. We increased our G3 range beyond anyone else in the market - in direct response to customer requirements. We keep ahead of the game by keeping an eye on what your business needs. We are continually improving and developing our range with our latest innovations, including our new G2/G3 small surface contact and the UK's first G3 shock sensor.

Call: **02920 488129** Email: **sales@knightfireandsecurity.com**

Knight introduces the 'SEISMO' Grade 3 Motion and Shock Sensor

Scan here for latest SEISMO product info and new releases

Knight Fire & Security Products Ltd are delighted to announce the introduction of the UK's **only*** Grade 3 Shock and Vibration sensor. The product is available in two versions, namely the SEISMO (Standard) and the SEISMO Advance (Advanced).

The rear tamper means that both SEISMO models meet the Grade 3 requirements of PD6662:2010

New technology built into the units means that the vibration sensor detects both shock and motion via a MEMS 3-axis motion sensor which detects movement of the device, thus creating an alarm. Other features include autocalibration, LED status indicators and on-board selectable resistors for ALL leading panels.

The SEISMO Advance is a full featured model which already **meets the Grade 3 requirements of TS50131-2-8.** It includes an independent fault output with on-board selectable resistors for use in a triple End of Line configuration, and remote LED indication input. The detection sensitivity can be selected with a dual-range pot, and all features, including pulse count, can be locally configured with jumpers.

Features	SEISMO	SEISMO Advance
Sensitivity Auto calibration	✔	✔
Sensitivity pot		✔
Selectable EOL and Alarm resistors	✔	✔
Rear tamper detection	✔	✔
LED enable jumper	✔	✔
Pulse count selectable on board	✔	✔
Pulse count selectable via serial link	✔	✔
Vibration and motion detection selectable on board	✔	✔
Vibration and motion detection selectable via serial link	✔	✔
Fault output		✔
Selectable Fault resistors		✔
Latch terminal		✔
First to Alarm memory		✔
Remote LED enable		✔
Heartbeat LED	✔	✔
Serial connection option	✔	✔

* correct at time of going to press – May 2013

Surface Contacts | Grade 3

A huge variety of options available, manufactured to comply with EN 50131– 2– 6 Grades 1, 2 and 3. An enhanced range of Grade 3 variants with selectable resistors will make stockholding easier for distributors and enable installers to keep one version in the toolbox rather than one per panel. Variations of all contacts to include pre-fitted resistors are also available. If you can't see what you want then ask us.

Product Code	Description	Operating Gap	Dimensions	Enviro class	Shared Zone OK	Multi Resistors
GRADE 3						
YE50*	8-Core Potted Multi Resistors	15mm	67x14x13mm	III	✔	✔
XEND21*	4-Terminal Selectable Resistors and TACT Tamper – Biased	12mm	67x14x13mm	II		✔
XEND24* NEW	4-Terminal Selectable Resistors and TACT Tamper – Biased, Standard Footprint	12mm	67x14x17mm	II	✔	✔
YEND74*	4-Terminal Industrial Selectable Resistors, TACT Tamper and Magnetic Interference Detection	30mm	78x25x20mm	II	✔	✔
SPA–SS	Small Surface Spacer		67x14x3mm			
SPA–LS	Large Surface Spacer		78x25x3mm			

*Complete with 2 x free spacers

Features

- All surface contacts can be used in shared zones
- High Quality, reliable, Reeds made in UK or USA
- Single Reed, Double Reed, Normally – Open, Normally – Closed and Change – Over Reed
- Material: Hips, ABS or Aluminium
- Voltage Range: 1–100V DC 125V AC Max
- Switching Current: 500mA Max DC 500mA Max AC
- Temp Range: – 40°C to +50°C

Colour Options

White

Brown (add B to code)

Other colours available on request

Please ask if you need:

• Normally-open, change-over • Double reed options • Pre-fitted resistors
• Non-standard colours • Non-standard cable lengths

Product Code	Description	Operating Gap	Dimensions	Enviro class
GRADE 2				
D25**	5- Terminal Single Reed With TACT Tamper	20mm	67x14x13mm	II
D70	6-Terminal Industrial Single Reed With Tamper	40mm	86x25x20mm	II
D702	6-Terminal Industrial Double Reed With Tamper	40mm	86x25x20mm	II
D75	6-Terminal Industrial Terminal Block and TACT Tamper	35mm	78x25x20mm	II
E30	4-Wire Single Reed	20mm	67x14x13mm	III
E50	4-Core Single Reed	20mm	67x14x13mm	III
E60	4-Core Double Reed	20mm	67x14x13mm	III
E70	4-Core Single Reed Mini Surface	15mm	38x9x15mm	III
E70P	4-Core Single Reed Mini Surface With Adhesive pad	15mm	38x9x15mm	III
E80	4-Wire Single Reed Mini Surface	15mm	38x9x15mm	III
E90A	4-Core Aluminium Mini Surface	15mm	40x14x10mm	III

** Comes with free spacers

Product Code	Description	Operating Gap	Dimensions	Enviro class	Shared Zone OK	Multi Resistors
GRADE 2 with pre–fixed resistors						
D75MULTI	4-Terminal Industrial Selectable Resistors and TACT Tamper	35mm	78x25x20mm	II	✔	✔
YEND21**	4-Terminal With Selectable Resistors and TACT Tamper	20mm	67x14x13mm	II	✔	✔
YEND24** NEW	4-Terminal With Selectable Resistors and TACT Tamper, Standard Footprint	20mm	67x14x17mm	II	✔	✔
PDE50*	6-Core Potted With Resistors	20mm	67x14x13mm	III	✔	*
PDE90A*	6-Core Potted Aluminium Mini Surface With Resistors	15mm	40x14x10mm	III	✔	*
GRADE 1						
D10	2-Terminal Single Reed	20mm	67x14x13 mm	II		
D20	5-Terminal Single Reed	20mm	67x14x13 mm	II		
D40	5- Terminal Double Reed	20mm	67x14x13 mm	II		
D50	5-Terminal Change–Over	20mm	67x14x13 mm	II		
D60	5-Terminal Normally Open	20mm	67x14x13 mm	II		

* Add resistor type to end of code
** Comes with free spacers

Please ask if you need:
- Normally-open, change-over
- Double reed options
- Pre-fitted resistors
- Non-standard colours
- Non-standard cable lengths

A full range of Flush Contacts is available, including new Grade 2 and Grade 3 Multi-Resistors – and terminal-based options. Pre-fit resistors can be fitted to your requirements on all ranges. All items are built with the utmost care at our purpose-designed manufacturing plant in the UK.

Product Code	Description	Operating Gap	Dimensions	Enviro class	Shared Zone OK	Multi Resistor
GRADE 3						
NEW XA41MULTI	2-Terminal. Tamper and Selectable resistors Rect Plate – Biased. **Can be used on Shared Zone**	15mm	20mm dia	II	✔	✔
YouTube NEW XA51MULTI	2-Terminal. Tamper and Selectable resistors Round Plate – Biased. **Can be used on Shared Zone**	15mm	20mm dia	II	✔	✔
XC30*	6-Core Potted Single Reed Pencil Type With Resistors – Biased	7mm	8mm dia	III	✔	*
YA40	Large OG Flush Potted G3 With Selectable Resistors	25mm	20mm dia	III	✔	✔
YA90	Large OG Flush Potted G3 with Selectable Resistors and Metal Plate	25mm	25mm dia	III	✔	✔

* Add resistor type to end of code

Features

- All contacts can be used on shared zones
- High Quality, reliable, Reeds made in UK or USA
- Single Reed, Double Reed, Normally – Open, Normally – Closed and Change – Over Reed
- Material: Hips, ABS or Aluminium
- Voltage Range: 1–100V DC 125V AC max
- Switching Current: 500mA Max DC 500mA Max AC
- Temp Range: –40°C to +50°C

Colour Options

White

Brown (add B to code)

YouTube

Scan for "Install" video guide.

Panel	EOL resistor	Alarm bypass resistor
Honeywell (Ademco, Microtech), Galaxy, Europlex Verifier	1K	1K
Castle, Abel Premier, Cooper (Scantronic, Menvier), Pyronix PCX, Texecom Premier, Abel Premier	2K2	4K7
Risco (Gardtec)	4K7	6K8
Guardall	8K2	8K2
Europlex 3GS, MDT	2K2	2K2
DSC	5K6	5K6
Pyronix Matrix, GE/Aritech, Siemens, HKC	4K7	4K7
Inner Range	2K2	6K8
*Pacom	10K	10K

Please ask if you need:
- Normally-open, change-over
- Double reed options
- Pre-fitted resistors
- Non-standard colours
- Non-standard cable lengths

*Only available for A41MULTI / XA41MULTI / A51MULTI / XA51MULTI. Other options available as specials.

Product Code	Description	Operating Gap	Dimensions	Enviro class
GRADE 2				
A41MULTI NEW	2-Terminal With Tamper and Selectable resistors and Rect Plate. **Can be used on Shared Zone**	14mm	20mm dia	II
A51MULTI NEW	2-Terminal With Tamper and Selectable resistors and Round Plate. **Can be used on Shared Zone**	14mm	20mm dia	II
A45	4-Terminal Single Reed With TACT Tamper	14mm	20mm dia	II
A81	4-Wire Single Reed Quickfit Potted	14mm	20mm dia	III
A82	4-Wire Double Reed Quickfit Potted	14mm	20mm dia	III
A85	4-Core Single Reed Quickfit Potted	14mm	20mm dia	III
PDA40*	6-Core Single Reed Quickfit Potted With Resistors	14mm	20mm dia	III
PDA90*	6-Core Large Single Reed Potted With Metal Plate and Resistors	30mm	25mm dia	III
C30	4-Wire Single Reed Pencil Type	15mm	8mm dia	III
C40	4-Core Single Reed Pencil Type	15mm	8mm dia	III
C50	4-Wire Single Reed Pencil Type With Flange	15mm	8mm dia	III
C80	4- Wire Change-Over Pencil Type	15mm	8mm dia	III
C91	4-Wire Normally Open Reed Pencil Type	15mm	8mm dia	III
PDC30*	6-Core Single Reed Pencil Type With Resistors	15mm	8mm dia	III
Q10	4-Core Single Reed Pencil Type With Surface Mounting Kit 0.3m Cable	15mm	8mm dia/ 54x 8x14mm	III
Q20	4-Core Single Reed Pencil Type With Surface Mounting Kit 1m Cable	15mm	8mm dia/ 54x 8x14mm	III

* Add resistor type to end of code

Colours - Add B for Brown to end of code.

A41MULTI

Scan here for more information on the A41MULTI

Product Code	Description	Operating Gap	Dimensions	Enviro class
GRADE 1				
A10	2-Terminal Single Reed	14mm	20mm dia	II
A40	5-Terminal Single Reed	14mm	20mm dia	II
A50	5-Terminal Single Reed Round Plate	14mm	20mm dia	II
A60	5-Terminal Normally Open	14mm	20mm dia	II
A90	6-Terminal Double Reed Metal Plate	30mm	25mm dia	II
A91	6-Terminal Single Reed Metal Plate	30mm	25mm dia	II

Roller Shutter and Heavy Duty Contacts | Grade 3

We have added some unique Grade 3 contacts to our Heavy Duty range in the last few years. Our YF10C is universal (not handed) and has selectable resistors incorporated inside the housing which will suit most main control panels (a large rubber spacer is also available for use on metal floors). Our YH10A does the same but in the housing of an angle contact. Both have decent operating gaps. The YM10 is a superb G3 option. It is housed in a large aluminium case with a removable cover and microswitch tamper and, like the YH10A which is sealed and potted for excellent water resistance and YF10C, has magnetic interference detection but gives you eight easy fit brass terminals.

Product Code	Description	Operating Gap	Dimensions	Enviro class	Shared Zone OK	Multi Resistors
GRADE 3						
YF10C	Roller Shutter Universal Interchangeable With Selectable Resistors and Magnetic Interference Detection (1m Armoured Sleeve)	35mm	R–150x40x15 M–70*45*30mm	III	✔	✔
YH10A	Aluminium Angle Contact With Selectable Resistors and Magnetic Interference Detection	35mm	80x25x27mm	III	✔	✔
YM10	8-Terminal Adjustable Heavy Duty Contact Aluminium. Microswitch Tamper, Removable Cover and Magnetic Interference Detection	20mm	170x23x22mm	II	✔	No Resistors fitted
SPA–RS	Roller Shutter Spacer – Rubber *Use when fitting to metal surface*		150x40x10mm	IIIII		

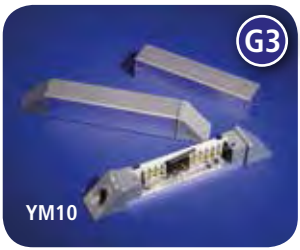
Features

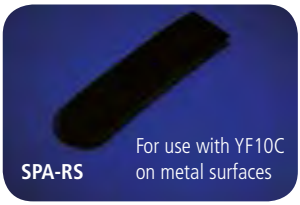
- All surface contacts can be used in shared zones
- Unique G3 designs
- High quality, reliable, Reeds made in UK or USA
- Single Reed, Double Reed, Normally – Open, Normally – Closed and Change – Over Reed
- Material: ABS or Aluminium
- Voltage Range: 1–100V DC 125V AC Max
- Switching Current: 500mA Max DC 500mA Max AC
- Temp Range: – 40ºC to +50ºC

YF10C

SPA-RS

YouTube





Product Code	Description	Operating Gap	Dimensions	Enviro class
GRADE 2				
E91	4-Core Large Surface Aluminium	35mm	70x14x10mm	III
E92	4-Wire Large Surface Aluminium With Armoured Sleeving	35mm	70x14x10mm	III
E91/E92BK	Bracket to Suit E91 or E92	N/A	N/A	III
F10A	Roller Shutter Single Reed (18" Armoured Sleeve)	50mm	R–150x40x15 M–70*45*30mm	III
F10C	Roller Shutter Single Reed (1m Armoured Sleeve)	50mm	R–150x40x15 M–70*45*30mm	III
F10C-MULTI	Roller Shutter Single Reed 1m With Selectable Resistors	50mm	R–150x40x15 M–70*45*30mm	III
F102	Roller Shutter Contact Single Reed (2m Armoured Sleeve)	50mm	R–150x40x15 M–70*45*30mm	III
F20	Roller Shutter Double Reed 6 – wire	50mm	R–150x40x15 M–70*45*30mm	III
F30	Roller Shutter Change – Over Reed	50mm	R–150x40x15 M–70*45*30mm	III
F40	Roller Shutter Contact Normally Open Reed	50mm	R–150x40x15 M–70*45*30mm	III
H10A	Aluminium Angle Single Reed (Armoured Sleeve)	50mm	80x25x27mm	III
H10C	Aluminium Angle Contact (4-Core Cable)	50mm	80x25x27mm	III
H20A	Aluminium Angle Double Reed (Armoured Sleeve)	50mm	80x25x27mm	III
H30A	Aluminium Angle Change–Over Reed (Armoured Sleeve)	50mm	80x25x27mm	III
PDF10C*	Roller Shutter Single Reed With Resistors	50mm	R–150x40x15 M–70*45*30mm	III
PDH10A*	Aluminium Angle Single Reed (Armoured Sleeve) With Resistors	50mm	80x25x27mm	III
M10	8-Terminal Adjustable Heavy Duty Contact Aluminium Microswitch Tamper and Removable Cover	50mm	170x23x22mm	II

* Add resistor type to end of code

Junction Boxes | Grade 3

Knight Fire and Security offers a full range of Junction Boxes, many are to Grade 3 standard with TACT or micro–switch tampers. We can also supply them as empty enclosures if you want to use them for another application. They are available in white or brown except for the G3 conduit JB (J60) which is grey. The J60, J310 and J320 are ideal for fitting on roller shutter or angle contacts and connect neatly with conduit, grommets or trunking.

Product Code	Description	Connections	Dimensions	Enviro Class	Tamper
GRADE 3					
J24	24-Way Junction Box With TACT Tamper	24	125x100x48mm	II	TACT
J81	10-Way Junction Box With TACT Tamper	10	78x24x20mm	II	TACT
J10	10-Way Rectangular JB TACT Tamper	10	90x65x26mm	II	TACT
J20	20-Way Junction Box With TACT Tamper	20	90x65x26mm	II	TACT
J60	Conduit JB 1/2" Grey With TACT Tamper	8	70x22x23mm	II	TACT
J310	Weatherproof conduit JB 10-way (PCB)	10	115x37x26mm	III	TACT
J320	Weatherproof conduit JB 20-way (PCB)	20	115x37x26mm	III	TACT

Features

- Material: ABS
- EN 50131 Graded
- Excellent cable management and knock–out positions
- Extensive Range
- Empty enclosures available

Colour Options

White

Brown (add B to code)

Product Code	Description	Connections	Dimensions	Enviro Class	Tamper
GRADE 2					
J40	6- Way Junction Box	7	78X24X22mm	II	LEAF
J80	8-Way Junction Box	10	70x56x20mm	II	LEAF
J12	12-Way Junction Box	12	78x78x22mm	II	LEAF

Our PA2 and PA4 is a whole new range of Double Push Panic Buttons, including new style traditional end-push panic buttons and also side push options for reduced accidental activations, models with selectable resistor modules and our unique new 4-button Confirmed Panic Button. All are available in White Plastic or Black Stainless Steel finishes. All have key reset using existing Steel KFS keys and microswitch activation and TACT tampers.

Product Code	Description	Alarm Activation	Tamper	Latch/ Non-latch	Dimensions	Multi Resistors
GRADE 3 DOUBLE PUSH						
PA2 RANGE						
PA2SW	G3 Double Push Panic Button, Side Push, White, Plastic	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✘
PA2SS	G3 Double Push Panic Button, Side Push with Stainless Steel Cover	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✘
PA2EW	G3 Double Push Panic Button, End Push, White, Plastic	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✘
PA2ES	G3 Double Push Panic Button, End Push with Stainless Steel Cover	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✘
PA2 RANGE WITH SELECTABLE RESISTORS						
PA2SWR	G3 Double Push Panic Button, Side Push, White, Plastic, Sel Resistor	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✔
PA2SSR	G3 Double Push Panic Button, Side Push, With S/Steel Cover, Sel Resistor	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✔
PA2EWR	G3 Double Push Panic Button, End Push, White, Plastic, Sel Resistor	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✔
PA2ESR	G3 Double Push Panic Button, End Push, With S/Steel Cover, Sel Resistor	MICROSWITCH	TACT	LATCH	84 x 65 x 26 mm	✔

Features

- Silent Operation to BS4737 Part 2
- Visual 'flag' indication of activation
- Easy conversion from Normally Open to Normally Closed on most models.
- Flexible fitting positions and knock–outs
- Material: ABS/Acetal
- Fully compliant to EN50131-1
- Finish:
  Plastic
  Stainless Steel
- Metal Key Reset

Colour Options

White

Black

Product Code	Description	Alarm Activation	Tamper	Latch/ Non-latch	Dimensions	Multi Resistors
GRADE 3 DOUBLE PUSH - CONFIRMABLE						
PA4W	G3 Electronic Confirmable Pa, 4 Button With Led And Selectable Resistors Plastic	MICROSWITCH	TACT	SELECT-ABLE	84 x 65 x 26 mm	✔
PA4S	G3 Electronic Confirmable Pa, 4 Button With Led And Selectable Resistors S/Steel	MICROSWITCH	TACT	SELECT-ABLE	84 x 65 x 26 mm	✔

PA4 Special Features

- Independent front and side push buttons. Two separate actions to confirm alarm
- Selectable Resistors
- LEDs to indicate status
- Compliant to BS8243: 2010 and EN50131-1
- Lid and base tampers
- Selectable confirmation mode
- Metal Key reset
- Integral timer
- Simple to install, commission and use
- Selectable latching / non-latching
- Uses 12V supply

YouTube

Panic Buttons | Grade 2 Double Push

One of the widest selections of Panic Buttons you'll see. Lots of variations in shape, finish, activation mechanism, tamper mechanism and resistor selection. Grade 3 EN50131 models available. All end push variations use metal keys.

Product Code	Description	Alarm activation	Tamper	Latching/ non–latching	Dimensions
GRADE 2 DOUBLE PUSH					
KP4	Panic Button Double Push	REED	LEAF	LATCHING	91x63x29mm
KP4B	Panic Button Double Push Brass	REED	LEAF	LATCHING	91x63x29mm
KP4S	Panic Button Double Push S/Steel	REED	LEAF	LATCHING	91x63x29mm
KP5	Panic Button Double Push N/L	REED	LEAF	NON-LATCHING	91x63x29mm

Product Code	Description	Alarm activation	Tamper	Latching/ non–latching	Dimensions
GRADE 1 SINGLE PUSH					
KP1	Panic Button Single Push Plastic	REED	LEAF	LATCHING	91x63x29mm
KP1B	Panic Button Single Push Brass	REED	LEAF	LATCHING	91x63x29mm
KP1S	Panic Button Single Push S/Steel	REED	LEAF	LATCHING	91x63x29mm
KP2	Panic Button Single Push Plastic N/L	REED	LEAF	NON-LATCHING	91x63x29mm
KP2B	Panic Button Single Push Brass N/L	REED	LEAF	NON-LATCHING	91x63x29mm
KP2S	Panic Button Single Push S/Steel N/L	REED	LEAF	NON-LATCHING	91x63x29mm
KP3	Panic Button Single Push Microswitch Activated	MICRO-SWITCH	LEAF	LATCHING	91x63x29mm
KP7	Panic Button Centre Push Latching	REED	LEAF	LATCHING	57x57x19mm
KP8	Panic Button Centre Push Non-Latching	REED	LEAF	NON-LATCHING	57x57x19mm
KP9	Mini Panic Button Latch/Non-Latch	REED	LEAF	BOTH (INTER-CHANGEABLE)	67x52x26mm
KP9NT	Mini Panic Button Latch/Non-Latch No Tampers	REED	NONE	BOTH (INTER-CHANGEABLE)	67x52x26mm

Extension Speakers and Buzzers | Grade 3 and Grade 2

We provide a choice of extension speakers, from the basic rectangular shape to the new, oval, small unobtrusive EN50131 Grade 3 teletone speaker. The buzzers are mounted into 8-way junction boxes.

Product Code	Description	Grade	Dimensions	Enviro class
I10	Extension Speaker 16 Ohm	2	120x120x50mm	II
I20	Extension Speaker with Tamper 16 Ohm	3	120x120x50mm	II
I30	Small Teletone Speaker 16 Ohm	3	100x67x32mm	II
I40	New Dual-Tone Hi-Lo Sounder	3	120x120x50mm	II
B10	12/24V Piezo Entry Exit Bleep	2	70x53x20mm	II
B20	Low Profile Entry Exit Bleep	2	70x53x20mm	II

Features

- Material: ABS
- Tamper: TACT /Microswitch
- Speaker Type:
  Mylar 16 Ohm, 12 Watt
- Speaker Size:
  I10/I20 89mm
  I30 45mm
- Sound Pressure:
  Speakers 92dBA/1m
  Buzzer 90dBA/30cm
  I30 86dBA/50cm

I40 Dual-Tone Hi-Lo Sounder

- High Level: Alarm Warning
- Low Level: Entry/Exit Warning
- Volume Control on Low Level
- Microswitch Tamper

Door Loops

We have a variety of door loops in white or brown that can be supplied with or without junction boxes.

Product Code – with JBs	Description
L20*	6 Way Straight Door Loop 12" (305mm)
L40*	6 Way Coiled Door Loop 10" (250mm) Extends to 1750mm
L60*	6 Way Coiled Door Loop 20" (500mm) Extends to 3500mm
L70*	Armoured Door Loop 18" (450mm)
L90	Armoured Door Loop with 2 x 8 Way Conduit Junction Boxes
L310	Armoured Door Loop with 2x10 Way Class 3 Junction Boxes

Product Code – without JBs	Description
L20A	6 Way Straight Door Loop 12" (305mm)
L40A	6 Way Coiled Door Loop 10" (250mm) Extends to 1750mm
L60A	6 Way Coiled Door Loop 20" (500mm) Extends to 3500mm

*L20, L40, L60, L70 all come with 2 x J40 6-way Junction Boxes

L70

L20

Cable Specifications

- Outer Sheath: PVC
- Conductors: Cadmium Copper Tinsel
- Connector: 6BA Open connector

Colour Options

White

Brown (add B to code)

L40

L90

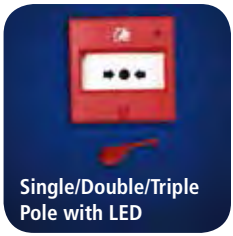
L310

Call Points

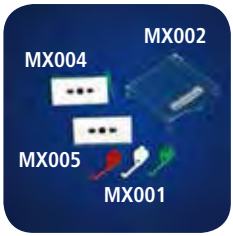
Our new Maxhunt MX range is available in a range of colours and versions including; LED, surface or flush, resettable, break-glass, like glass, plastic or interchangeable, plastic protective cover, mag lock and 240v mains options. Single, double and triple pole are also available and the complete range can be supplied 'waterproof' when required. All units comply fully to BS EN54-11:2001.

Product Code	Description
MX50	Red Single Pole BGU 470 Resistor
MX51	Red Single Pole BGU Re-set with LED 470 Resistor
MX52	Red Single Pole BGU 250VAC 3A Mains
MX54	Green Single Pole EDR
MX54W	White Single Pole EDR
MX54Y	Yellow Single Pole EDR
MX55	Green Single Pole EDR Re-set with LED 470 Resistor
MX56	Green Single Pole EDR Re-set with LED 470 Resistor For Magnetic Locks
MX74	Green Double Pole EDR
MX74W	White Double Pole EDR
MX74Y	Yellow Double Pole EDR
MX75	Green Double Pole Re-set EDR with LED 470 Resistor
MX76	Green Double Pole Re-set EDR with LED 470 Resistor For Magnetic Lock
MX84	Green Triple Pole EDR
MX85	Green Triple Pole EDR Re-set with LED 470 Resistor
MX86	Green Triple Pole EDR Re-set with LED 470 Resistor For Magnetic Locks
MX94	Quadruple Pole EDR
MX57	Single Pole Waterproof BGU Available in Red, Green, Blue, White or Yellow
MX58	Single Pole Waterproof Re-set BGU with LED Available in Red, Green, Blue, White or Yellow
MX77	Double Pole Waterproof BGU Available in Red, Green, Blue, White or Yellow
MX78	Double Pole Waterproof Re-set BGU Available in Red, Green, Blue, White or Yellow
MX87	Triple Pole Waterproof BGU Available in Red, Green, Blue, White or Yellow
MX88	Triple Pole Waterproof Re-set BGU Available in Red, Green, Blue, White or Yellow

Single/Double/ Triple Pole


Single/Double/Triple Pole with LED

Waterproof BGU



Pass Key Switches

All pass keys have micro-switch tampers and comply with Grade 3. Polycarbonate or aluminium options available. We also supply 'suited', 'keys-alike' versions. Max voltage 250V AC switching current 2 Amp.

Product Code	Description	Dimensions	Grade
P01	Pass Key Switch – 2amp Diecast Aluminium Tampered Double Pole	90x38x30mm	3
P01W	Pass Key Switch – 2amp Diecast Aluminium Tampered Double Pole in White	90x38x30mm	3
P02	Pass Key Switch – 2amp Diecast Aluminium Tampered Suited Keys (Keys Alike) Double Pole	90x38x30mm	3
P03	Pass Key Switch – Polycarbonate. Single Pole	90x38x30mm	3
P04	Pass Key Switch – Polycarbonate Single Pole Suited Keys (Keys Alike)	90x38x30mm	3
P05	Pass Key Switch – Polycarbonate Tampered Suited Keys (Keys Alike) with 2 LEDs	90x38x30mm	3

P01

P03

Final Exit Set Switches

Z01 and Z02

Z20 and Z20B

Z30

Z40

New to the Knight range are metal, Grade 3 final exit set switches. These incorporate integral buzzers, vandal-proof cases, selectable resistors and tamper switch protection. We've also improved the Z20 range which can now have the lid screwed into the wall for extra protection and our plastic flush variant has an LED to comply with Grade 3 EN 50131.

Product Code	Description	Dimensions	Grade
Z01	Final Exit Set Switch Flush – Plastic	Fascia 45x25x6mm, Body 27x15mm	2
Z02	Final Exit Set Switch Flush with LED – Plastic	Fascia 45x25x6mm, Body 27x15mm	3
Z20	Final Exit Switch Surface White with Integral Buzzer	54x35x21mm	3
Z20B	Final Exit Switch Surface Black with Integral Buzzer	54x35x21mm	3
Z30	Flush Stainless Steel Exit Switch with Integral Buzzer and Selectable Resistors	Fascia 50x30mm, Body 30x16mm	3
Z40	Surface Aluminium Exit Switch with Integral Buzzer and Selectable Resistors	90x38x30mm	3

UK Security Control Panels – EOL Resistor Values

These are the options available on our selectable Resistor Contacts and Panic Buttons. Please check exact up to date spec on the technical data section on our web-site www.knightfireandsecurity.com

Panel	EOL resistor	Alarm bypass resistor
Honeywell (Ademco, Microtech), Galaxy, Europlex Verifier	1K	1K
Castle, Abel Premier, Cooper (Scantronic, Menvier), Pyronix PCX, Texecom Premier, Abel Premier	2K2	4K7
Risco (Gardtec)	4K7	6K8
Guardall	8K2	8K2
Europlex 3GS, MDT	2K2	2K2
DSC	5K6	5K6
Pyronix Matrix, GE/Aritech, Siemens, HKC	4K7	4K7
Inner Range	2K2	6K8
*Pacom	10K	10K

DSC Option not on standard YA40, YA90, YF10C, YH10A
Europlex Option not on standard END74, YEND21, XEND21

*Only available for A41MULTI / XA41MULTI / A51MULTI / XA51MULTI. Other options available as specials.

How to contact Knight Fire and Security

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Visit us online

Visit our website to see detailed information about our products and to download technical drawings.
www.knightfireandsecurity.com

Sales

If you would like to receive a quote or would like to discuss a project with us then please e–mail:
sales@knightfireandsecurity.com

KNIGHT
FIRE & SECURITY

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UKAS MANAGEMENT SYSTEMS 005

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