



KNIGHT

THE CONTACT PEOPLE



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BIG ENOUGH TO DELIVER, SMALL ENOUGH TO CARE

40 years ago, Fred & Marion Wegener started the family business 'Knight Plastics Ltd' with the sole aim initially of survival - but then proceeded to build something special.

Since then, that little company has developed into 'Knight Manufacturing Group' - a multi-functional manufacturing and engineering operation on a 30,000 square foot site, employing over 50 staff.

The Knight range of intruder alarm and access control products has expanded greatly, making us a market leader in our field. Our development of graded magnetic contacts, junction boxes, shock sensors, panic buttons and more is industry defining. Acquisitions of Maxhunt Ltd, Euroflex Ltd and Arun Electronics Ltd have expanded our range and taken us into new markets over the last decade.

Our modern, well equipped plastic injection moulding facility provides us with all the plastic mouldings the Knight brand requires. Plentiful capacity in this area also allows us to support a range of external customers, from multi-national conglomerates to small local businesses. Likewise, our PCB manufacturing section produces for Knight along with other customers in the Healthcare, Electronics, Scientific Equipment, Aerospace, and other industries.

Our superb, experienced & multi-skilled team at the helm of our facilities allows us not only to design and manufacture our own products, but also to rapidly manufacture almost any bespoke product to exact customer specifications.

ALL IN THE UK.



CONTENTS

AR Series: Graded Contacts for Steel Door / Window / Frame Installations	4
FR Series: Fire Resistant Contacts 	NEW 5
Flush Contacts	6
Surface Contacts	9
Maxhunt / Euroflex Surface Contacts	12
Maxhunt / Euroflex Heavy Duty Contacts	13
Roller Shutter / Heavy Duty Contacts	NEW VARIANTS 14
PACOM Compatible Products	NEW 16
Speakers / Sounders / Strobes	17
Junction Boxes / Door Loops	18
SEISMO Shock / Tilt Sensors	NEW VARIANTS 20
Panic Buttons	22
Arun Electronics: Contacts / Magnets	NEW 26
Arun Electronics: Pressure Mats	NEW 27
Call Points	28
BCP Series: Backlit Call Points	NEW 30
Pass Key / Final Exit Switches	31
Technical Data	32

AR Series: Flush Contacts for Steel Frames

We have continued to expand our range of 20mm ø EN50131-2-6 Grades 1, 2 and 3 Flush contacts, specifically designed and tested for reliable operation within steel / ferrous doors, windows or frames. The bespoke designs minimise the effects of steel on magnetic fields, thus maintaining optimum operating gaps for your installations.

We can now offer approved & tested FR (Flame Retardant) versions of these in various colours - see P5.

Part Code	Grade	Env Class	Description	Operating Gap	Standard Colours
AR02	1	II	2-Terminal, Push fit	24mm	□ ■
AR03 ^{1,4}	2	III	4-Wire, Push fit, 50cm fly lead	15mm	□ ■ ■
AR04 ^{1,2,3}	3	III	6-Core, Push fit, Magnetic Interference Detection, Integral resistors, 1m fly lead	5mm	□ ■ ■
AR06 ⁴	2	III	4-Core, Push fit, 1m fly lead	15mm	□ ■ ■

¹ Fire Retardant variants available (see opposite page)

² **Must** specify resistors, see back page

³ Unsuitable for non-ferrous installations

⁴ Supplied 4-Wire/4-Core, but can be built as 6-Core with resistors (see back cover)



In response to high customer demand, we now manufacture flame retardant variants of our more popular contacts. Some are now 3rd party test lab certified, having been fire tested as part of door & frame constructions. If you don't see the product you want here – ask us. Almost all our products with plastic housings can be manufactured to this specification!

Part Code	Description	Fitting	Grade	Class	Standard Colours
A41MULTI-FR	4-Terminal, Multi-Resistor (P.7 for spec)	Flush, Screw fit	2	II	
XA41MULTI-FR	4-Terminal, Multi-Resistor (P.8 for spec)	Flush, Screw fit	3	II	
YA90-FR ¹	8-Core, Multi-Resistor (P.8 for spec)	Flush, Screw fit	3	III	
AR03-FR	4-Wire, Resistor options (P.4 for spec)	Flush, Push fit	2	III	
AR04-FR ²	6-Core, Resistor options (P.4 for spec)	Flush, Push Fit	3	III	
D60-FR	5-Terminal, Normally Open (P.9 for spec)	Surface	1	II	
YA40-FR	8-Core, Multi-Resistor (P.8 for spec)	Flush, Screw fit	3	III	

¹ 3rd party fire tested – Exova report # WF504233

² 3rd party fire tested – Exova report # WF399244

All materials yellow card/UL approved

Other colours available on request



Flush Contacts | Grade 1 | Grade 2

A full range of Flush Contacts is available, including Grade 2 and Grade 3 Multi-Resistor options. Integral 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.

Part Code	Description	Operating Gap	Barrel Diameter	Enviro Class	Standard Colours
GRADE 1					
A10	2-Terminal, Quick fit (screws)	14mm	20mm	II	
A40	5-Terminal, Quick fit (screws)	14mm	20mm	II	
A50	5-Terminal, Speed fit (tacks), Round plate	14mm	20mm	II	
A60	5-Terminal, Quick fit (screws), Normally open	14mm	20mm	II	
A90	6-Terminal, Quick fit (screws), Double reed, Metal plate	30mm	25mm	II	
A91	6-Terminal, Quick fit (screws), Metal plate	30mm	25mm	II	

Part Code	Description	Operating Gap	Barrel Diameter	Enviro Class	Shared Zone OK	Multi Resistor	Standard Colours
GRADE 2							
C30	4-Wire, Potted, Push fit, Pencil type	15mm	8mm	III	✓	✗	
C40	4-Core, Potted, Push fit, Pencil type	15mm	8mm	III	✓	✗	
C50	4-Wire, Potted, Push fit, Flanged, Pencil type	15mm	8mm	III	✓	✗	
C80	5-Wire, Potted, Push fit, Changeover operation, Pencil type	15mm	8mm	III	✓	✗	
C91	4-Wire, Potted, Push fit, Normally Open, Pencil type	10mm	8mm	III	✓	✗	
PDC30 ¹	6-Core, Potted, Integral resistors, Push fit, 1m fly	15mm	8mm	III	✓	✗	
Q10 ²	4-Core, Potted, Push fit, Pencil type, With surface mount adapters, 30cm fly lead	15mm	8mm	III	✓	✗	
Q20 ²	4-Core, Potted, Push fit, Pencil type, With surface mount adapters, 1m fly lead	15mm	8mm	III	✓	✗	

¹ **Must** specify resistors, see technical data (see back cover)

² 54 x 8 x 14mm when installed in surface adapter



Part Code	Description	Operating Gap	Barrel Diameter	Enviro Class	Shared Zone OK	Multi Resistor	Standard Colours
GRADE 2							
A41MULTI	4-Terminal, Quick fit (screws), Rect Plate	14mm	20mm	II	✓	✓	
A51MULTI	4-Terminal, Speed fit (tacks), Round Plate	14mm	20mm	II	✓	✓	
A45	4-Terminal, Quick fit (screws), Tampered	14mm	20mm	II	✓	✗	
A81	4-Wire, Potted, Quick fit (screws), 30cm fly	10mm	20mm	III	✓	✗	
A82	6-Wire, Potted, Double reed, Quick fit (screws), 30cm fly	10mm	20mm	III	✓	✗	
A85	4-Core, Potted, Quick fit (screws), 1m fly	14mm	20mm	III	✓	✗	
PDA40 ¹	6-Core, Potted, Integral resistors, Quick fit (screws), 1m fly	14mm	20mm	III	✓	✗	
YA40G2 ²	8-Core, Potted, Integral resistors, Quick fit (screws), 1m fly	25mm	25mm	III	✓	✓	
PDA90 ¹	6-Core, Potted, Integral resistors, Metal plate, Quick fit (screws), 1m fly	25mm	25mm	III	✓	✗	
YA90G2 ²	8-Core, Potted, Integral resistors, Metal plate, Quick fit (screws), 1m fly	30mm	25mm	III	✓	✓	

¹ **Must** specify resistors, see back cover

² See technical data (back cover) for shared zone resistance table

Other colours available on request



Flush Contacts | Grade 3

Part Code	Description	Operating Gap	Barrel Diameter	Enviro class	Shared Zone OK	Multi Resistor	Standard Colours
GRADE 3 WITH MAGNETIC INTERFERENCE DETECTION							
XA41MULTI ¹	4-Terminal, Quick fit (screws), Rect Plate	15mm	20mm	II	✓	✓	
XA51MULTI	4-Terminal, Speed fit (tacks), Round Plate	15mm	20mm	II	✓	✓	
XC30 ²	6-Core, Potted, Push fit, integral resistors, 1m fly lead	8mm	8mm	III	✓	✗	
YA40 ^{1,3}	8-Core, Potted, Quick fit (screws), Rect Plate, Large OG, 1m fly lead	25mm	20mm	III	✓	✓	
YA90 ^{1,3}	8-Core, Potted, Quick fit (screws), S/steel Oval Plate, Large OG, 1m fly lead	25mm	25mm	III	✓	✓	

¹ Fire retardant variants available – XA41MULTI-FR, YA90-FR, YA40-FR

² Must specify resistors, see technical data (back cover)

³ See technical data (back cover) for shared zone resistance table

YA40 / YA40-FR



XC30



XA41MULTI / XA41MULTI-FR



XA51MULTI



YA90 / YA90-FR



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.

Part Code	Description	Operating Gap	Dimensions	Enviro class	Shared Zone OK	Multi Resistors	Standard Colours
GRADE 1							
D10	Small 2-Terminal	20mm	67x14x12mm	II	✓	✗	
D20	Small 5-Terminal	20mm	67x14x12mm	II	✓	✗	
D40	Small 5-Terminal, Double Reed	15mm	67x14x12mm	II	✓	✗	
D50	Small 5-Terminal, Change-Over	20mm	67x14x12mm	II	✓	✗	
D60	Small 5-Terminal, Normally Open	20mm	67x14x12mm	II	✓	✗	
GRADE 2 WITH RESISTORS							
D75MULTI ¹	Large 4-Terminal, Selectable resistors, TACT tamper	35mm	78x24x20mm	II	✓	✓	
YEND24 ¹	Small 4-Terminal, Selectable resistors, TACT Tamper	20mm	68x15x17mm	II	✓	✓	
PDE50 ²	Small 6-Core, Potted, Integral resistors, 1m fly lead (rear entry)	15mm	67x14x12mm	III	✓	✗	
PDE90A ²	Mini 6-Core, Potted, Aluminium housing, Integral resistors, 1m fly lead	15mm	40x15x10mm	III	✓	✗	

¹ Complete with 2x free spacers

² Must specify resistors, see technical data (back cover)



Surface Contacts | Grade 2

Part Code	Description	Operating Gap	Dimensions	Enviro class	Standard Colours
GRADE 2					
D25 ¹	Small 5-Terminal, TACT Tamper	20mm	67x14x12mm	II	□ ■ ■ ■ ■
D70	Large 6-Terminal, Industrial, Leaf Tamper	40mm	86x25x20mm	II	□ ■ ■ ■ ■
D702	Large 6-Terminal, Industrial, Double Reed (DPST), Leaf Tamper	40mm	86x25x20mm	II	□ ■ ■ ■ ■
D75	Large 6-Terminal, PCB Terminal block	35mm	78x24x20mm	II	□ ■ ■ ■ ■
E30	Small 4-Wire, 30cm fly lead (rear entry)	20mm	67x14x12mm	III	□ ■ ■ ■ ■
E50	Small 4-Core, 1m fly lead (rear entry)	20mm	67x14x12mm	III	□ ■ ■ ■ ■
E60	Small 6-Core, Double Reed, 1m fly lead (rear entry)	20mm	67x14x12mm	III	□ ■ ■ ■ ■
E70	Mini 4-Core, 1m fly lead	15mm	38x10x15mm	III	□ ■ ■ ■ ■
E70P	Mini 4-Core, Adhesive pad fixing, 1m fly lead	15mm	38x10x15mm	III	□ ■ ■ ■ ■
E80	Mini 4-Wire, 30cm fly lead	15mm	38x10x15mm	III	□ ■ ■ ■ ■
E90A	Mini 4-Core, Aluminium housing, 1m fly lead	15mm	40x15x10mm	III	■ ■

¹ Complete with 2x free spacers



Part Code	Description	Operating Gap	Dimensions	Enviro class	Shared Zone OK	Multi Resistors	Standard Colours
GRADE 3							
YE50 ^{1,2}	8-Core, Potted, Selectable Resistors, Magnetic Interference Detection	15mm	67x14x12mm	III	✓	✓	
XEND24 ²	Small 4-Terminal, Selectable Resistors, TACT tamper, Magnetic Interference Detection	12mm	63x15x17mm	II	✓	✓	
YEND74 ²	Large 4-Terminal, Selectable Resistors, TACT tamper, Magnetic Interference Detection	25mm	78x24x20mm	II	✓	✓	
XE90A ³	Mini 6-Core Potted, Aluminium housing, Integral resistors, 1m fly lead, Magnetic Interference Detection	10mm	40x15x10mm	III	✓	✗	
SPA-SS	Small Surface Spacer, fits YEND24 / XEND24 / E30-E60 / D10-D60		78x24x20mm				
SPA-LS	Large Surface Spacer, fits D75 / D75MULTI / YEND74		78x24x3mm				

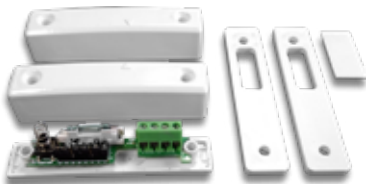
¹ See technical data (back cover) for shared zone resistance table

² Complete with 2x free spacers

³ Must specify resistors, see technical data (back cover)

Other colours available on request

XEND24



PDE50 / YE50



SPA-SS, SPA-LS



YEND74



For increased depth or use on recessed doors.

Has additional link to provide ease of use in shared zones (double doors).

Maxhunt / Euroflex Surface Contacts

We have enhanced our product offering with the addition of the Maxhunt and Euroflex ranges to our portfolio. This includes some thinner surface contacts and also includes the micro BW001E and 8-terminal BW020 range - all produced to the high quality standards you expect from Knight.

MAXHUNT/EUROFLEX CONTACTS					
Part Code	Description	Operating Gap	Dimensions	Enviro Class	Standard Colours
GRADE 2					
B009E	Small 4-Core, 50cm fly lead	20mm	62x12x12mm	III	<input type="checkbox"/> <input checked="" type="checkbox"/>
B001E	Mini 4-Core, 50cm fly lead	20mm	30x13x8mm	III	<input type="checkbox"/> <input checked="" type="checkbox"/>
B020	Large 8-Terminal, Industrial, Leaf tamper	40mm	82x25x20mm	II	<input type="checkbox"/> <input checked="" type="checkbox"/>
GRADE 1					
B010	Small 5-Terminal	27mm	62x12x12mm	II	<input type="checkbox"/> <input checked="" type="checkbox"/>
CP621B	Small 5-Terminal, Double reed (DPST)	15mm	59x14x14mm	II	<input type="checkbox"/>
CP621D	Small 5-Terminal, Double reed (DPST – 1x N/O, 1x N/C)	15mm	59x14x14mm	II	<input type="checkbox"/>

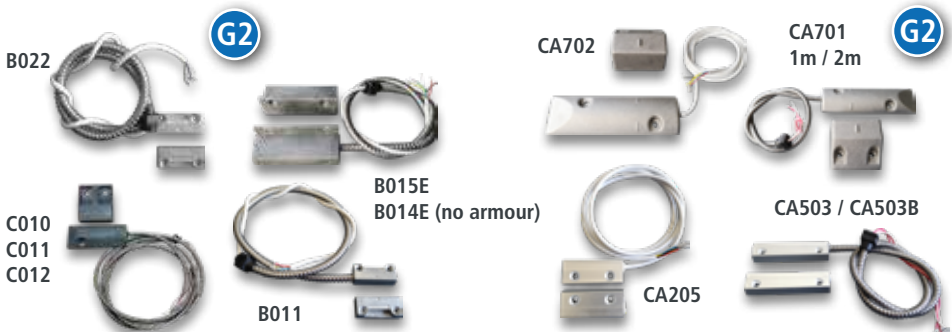


The Maxhunt heavy duty contacts feature a unique engineered thermo-plastic (ETP) construction. Super strong and Weatherproof, they excel in areas where metal contacts tend to corrode. The aluminium Micro B011 and B012 are tiny metal surface contacts for minimal space/maximum strength situations. The Euroflex range includes a variety of lead lengths and reed switch options. If you require a small, low profile roller shutter door contact then try the Euroflex CA701/702 range.

MAXHUNT HEAVY DUTY CONTACTS					
Part Code	Description	Operating Gap	Dimensions	Grade	Enviro Class
B011	4-Core Single Reed Aluminium Patio Potted (50cm cable)	20mm	36x10x16mm	2	III
B022	4-Core Single Reed Aluminium Patio Potted (50cm Armoured cable)	20mm	36x10x16mm	2	III
B014E	4-Core Single Reed ETP Angle Potted (50cm cable)	50mm	76x26x31mm	2	III
B015E	4-Core Single Reed ETP Angle Potted (50cm Armoured cable)	50mm	76x26x31mm	2	III
C010	4-Wire Single Reed ETP Roller Shutter (50cm Armoured cable)	45mm	101x42x14mm	2	III
C011	4-Wire Single Reed ETP Roller Shutter (1m Armoured cable)	45mm	101x42x14mm	2	III
C012	4-Wire Single Reed ETP Roller Shutter (2m Armoured cable)	45mm	101x42x14mm	2	III
EUROFLEX HEAVY DUTY CONTACTS					
Part Code	Description	Operating Gap	Dimensions	Grade	Enviro Class
CA205	4-Core Single Reed Aluminium Patio Potted (1m cable)	15mm	45x17x10mm	2	III
CA503	4-Wire Single Reed Aluminium Heavy Duty (0.5m Armoured cable)	15mm	74x17x10mm	2	III
CA503B	6-Wire Double Reed Aluminium Heavy Duty (DPST, 0.5m Armoured cable)	50mm	74x17x10m	2	III
CA701	4-Wire Single Reed Aluminium Roller Shutter (50cm Armoured cable)	55mm	135x42x12mm	2	III
CA7011M	4-Wire Single Reed Aluminium Roller Shutter (1m Armoured cable)	55mm	135x42x12mm	2	III
CA7012M	4-Wire Single Reed Aluminium Roller Shutter (2m Armoured cable)	55mm	135x42x12mm	2	III
CA702	4-Core Single Reed Aluminium Roller Shutter (1m cable)	55mm	135x42x12mm	2	III

MAXHUNT HEAVY DUTY CONTACTS

EUROFLEX HEAVY DUTY CONTACTS



Roller Shutter / Heavy Duty Contacts | Grade 2

Part Code	Description	Operating Gap	Dimensions	Enviro class	Multi Resistor	
GRADE 2						
E91	Long 4-Core, Aluminium housing, 1m fly lead	35mm	70x15x10mm	III	✗	
E92	Long 4-Wire, Aluminium housing, 0.5m armoured fly lead (with grommet)	35mm	70x15x10mm	III	✗	
E91/E92BK	Angle bracket kit to suit E91 or E92		70x31x31mm			
F10A	4-Wire Roller Shutter, potted, 50cm armoured fly lead (with grommet)	50mm	150x40x15mm (Switch) 74x74x40mm (Magnet)	III	✗	
F10C	4-Wire Roller Shutter, potted, 1m armoured fly lead (with grommet)	50mm		III	✗	
PDF10C ³	6-Wire Roller Shutter, Potted, Aluminium housing, Integral resistors, 1m armoured fly lead (with grommet)	50mm		III	✗	
F10CMULTI ¹	8-Core Roller Shutter, potted, Selectable resistors, 1m armoured fly lead (with grommet)	50mm		III	✓ ¹	
F102	4-Wire Roller Shutter, potted, 2m armoured fly lead (with grommet)	50mm		III	✗	
F20	6-Wire Roller Shutter, potted, Double reed (DPST), 50cm armoured fly lead (with grommet)	50mm		III	✗	
F30	5-Wire Roller Shutter, potted, Changeover, 50cm armoured fly lead (with grommet)	50mm		III	✗	
F40	4-Wire Roller Shutter, potted, Normally open, 50cm armoured fly lead (with grommet)	50mm		III	✗	
H10A ²	4-Wire Angle, Potted, Aluminium housing, 50cm armoured fly lead (with grommet)	50mm		80x25x27mm	III	✗
H10AMULTI ^{1,2}	8-Core Angle, Potted, Aluminium housing, Selectable resistors, 50cm armoured fly lead (with grommet)	50mm			III	✓
H10C ²	4-Core Angle, Potted, Aluminium housing, 1m fly lead	50mm	III		✗	
H10CB ²	4-Core Angle, Potted, Aluminium housing, 1m waterproof fly lead	50mm	III		✗	
H10CBA ²	4-Core Angle, Potted, Aluminium housing, 1m armoured waterproof fly lead (with grommet)	50mm	III		✗	
H20A ²	6-Wire Angle, Potted, Double reed, Aluminium housing, 50cm armoured fly lead (with grommet)	50mm	III		✗	
H30A ²	5-Wire Angle, Potted, Changeover, Aluminium housing, 50cm armoured fly lead (with grommet)	50mm	III		✗	
PDH10A ^{2,3}	6-Wire Angle, Potted, Aluminium housing, Integral resistors, 50cm armoured fly lead (with grommet)	50mm	80x25x27mm		III	✗
M10	Large 8-Terminal, Heavy duty, Aluminium housing with removable cover	50mm	170x25x25mm	II	✗	

H/PDH Series



F/PDF Series



E92 (armoured as pictured)
E91 (cable)



M10



The Knight range of heavy duty contacts has recently been enhanced by the addition of braided and waterproof options - H10CB/H10CBA in G2 and YH10CB/YH10CBA in G3. These additions give extra peace of mind on external applications, supplementing the existing rollershutter and angle contact offering.

Don't forget - we can manufacture these contacts with extra long fly leads to customer specification!

Part Code	Description	Operating Gap	Dimensions	Enviro class	Shared Zone OK	Multi Resistors
GRADE 3						
YF10C ¹	8-Core Roller Shutter, Potted, Aluminium housing, Selectable resistors, Magnetic interference detection, 1m armoured fly lead (with grommet)	35mm	150x40x15mm (Switch) 74x74x40mm (Magnet)	III	✓	✓
YH10A ^{1,2}	8-Core Angle, Potted, Aluminium housing, Selectable resistors, Magnetic interference detection, 50cm armoured fly lead (with grommet)	35mm	80x25x27mm	III	✓	✓
YH10CB ^{1,2}	8-Core Angle, Potted, Aluminium housing, Selectable resistors, Magnetic interference detection, 1m waterproof fly lead	35mm	80x25x27mm	III	✓	✓
YH10CBA ^{1,2}	8-Core Angle, Potted, Aluminium housing, Selectable resistors, Magnetic interference detection, 50cm armoured waterproof fly lead (with grommet)	35mm	80x25x27mm	III	✓	✓
YM10 ⁴	Large 8-Terminal, Heavy duty, Aluminium housing with removable cover, Magnetic interference detection	20mm	170x25x25mm	II	✓	✗
SPA-H10 ⁵	Rubber spacer for H/YH angle models. 10pk		83x25x10mm			
SPA-RS ⁵	Rubber spacer for F/YF roller shutter contacts. 5pk		150x40x10mm			

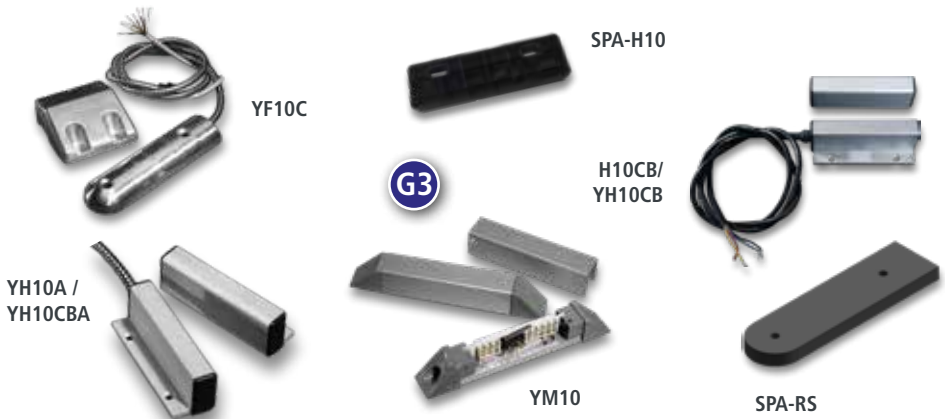
¹ See technical data (back cover) for shared zone resistance table

² Right-handed variant available – suffix R to part code

³ Must specify resistors, see technical data (back cover)

⁴ Can be supplied with or without resistors (see back cover)










⁵ Spacers negate the effects of nearby metal on operating gaps, and offer extra environmental protection



PACOM Compatible Products

In response to customer feedback, we have developed a range of multi-resistor contacts suitable for use with the popular PACOM range of panels. All products listed here support **10k/10k PACOM EOL**, and others where technically possible.

Our in-house PCB and plastic moulding facilities allow us to quickly adapt our products like this, based on customer demand. Please talk to us if you have a bespoke project that you require help with!

Part Code	Description	Operating Gap	Dimensions	Enviro Class	Wiring Options	Standard Colours	Photo
GRADE 3							
YA40-PA-HO	8-Core Flush, Potted, Quick fit (screws), Rect Plate, Large OG, 1m fly lead	20mm	20mm ø barrel	III	No Resistors, 1k/1k, 10k/10k		P.8
YA90-PA-HO	8-Core Flush, Potted, Quick fit (screws), S/steel Oval Plate, Large OG, 1m fly lead	25mm	25mm ø barrel	III	No Resistors, 1k/1k, 10k/10k		P.8
YH10A-PA-HO ¹	8-Core Angle, Potted, Aluminium housing, Magnetic interference detection, 50cm armoured fly lead (with grommet)	35mm	80x25x27mm	III	No Resistors, 1k/1k, 10k/10k		P.14
YF10C2M-PA-HO ¹	8-Core Roller Shutter, Potted, Aluminium housing, Magnetic interference detection, 2m armoured fly lead (with grommet)	35mm	150x40x15mm (Switch) 74x74x40mm (Magnet)	III	No Resistors, 1k/1k, 10k/10k		P.14
YE50-PA-HO	8-Core Surface, Potted, Magnetic Interference Detection	15mm	67x14x12mm	III	No Resistors, 1k/1k, 10k/10k		P.11
XEND24PACOM	4-Terminal Small Surface, Magnetic Interference Detection 1x N/C	12mm	63x15x17mm	II	No Resistors, 1k/1k, 4k7/4k7, 10k/10k		P.11
Z40PACOM	4-Terminal Surface Exit Switch, Aluminium housing, Integral Buzzer	N/A	90x38x30mm	II	1k/1k, 4k7/4k7, 10k/10k		P.31
XA41MULTI ^{2,3}	4-Terminal Flush, Quick fit (screws), Rect Plate, Magnetic Interference Detection	20mm	20mm ø barrel	II	All major options – see back cover		P.8
GRADE 2							
A41MULTI ^{2,3}	4-Terminal Flush, Quick fit (screws), Rect Plate, Magnetic Interference Detection	20mm	20mm ø barrel	II	All major options – see back cover		P.7

¹ Supplied left-handed – can supply right-handed

² Fire retardant variants available, see p.5

³ Full product details on p.7-8

Our original I10 & I20 speakers are more traditional in looks and offer a cost-effective option. The 'soapdish' style I30 is ideal for where a low profile is required and the I40 provides dual-tone functionality. The new Octone range offers a sleeker look, strobe option and two speaker specifications. All are white in colour as standard.

Part Code	Description	Dimensions	Speaker Specification	Dual Tone	Strobe
GRADE 1					
I10	Basic extension speaker	120x120x55mm	16Ω/12W - 95dBA	✗	✗
OCT10	Octone extension speaker (large speaker)	115x115x50mm	16Ω/12W - 95dBA	✗	✗
OCT20	Octone extension speaker (small speaker)		8Ω/0.5W - 95dBA	✗	✗
GRADE 3					
I20	Basic extension speaker with tamper	120x120x55mm	16Ω/12W - 95dBA	✗	✗
I30	Soapdish teletone speaker	100x67x32mm	16Ω/12W - 86dBA	✗	✗
I40	Dual-tone Hi-Lo sounder	120x120x55mm	16Ω/12W - 95/80dBA	✓	✗
OCT30	Octone dual-tone sounder (large speaker)	115x115x50mm	16Ω/12W - 95/75dBA	✓	✗
OCT30S	Octone dual-tone sounder (large speaker) with strobe		16Ω/12W - 95/75dBA	✓	✓
OCT40	Octone dual-tone sounder (small speaker)		8Ω/12W - 90/70dBA	✓	✗
OCT40S	Octone dual-tone sounder (small speaker) with strobe		8Ω/0.5W - 90/70dBA	✓	✓



I10/I20/I40



I30



OCT Series

Junction Boxes / Door Loops | Grade 2 | Grade 3

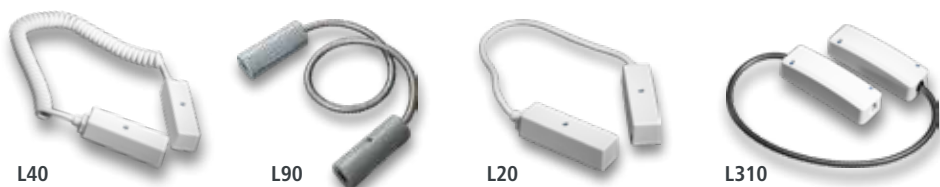
Knight Fire and Security offers a full range of Junction Boxes, many are to Grade 3 standard with TACT or micro-switch tampers. We can also supply them as empty enclosures if you want to use them for another application. They are available in white or brown except for the G3 conduit JB (J60) which is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

Part Code	Description	Connections	Dimensions	Enviro Class	Standard Colours
GRADE 2, KNIGHT					
J40	7-Way Leaf Tampered Junction Box	5+2	78x24x22mm	II	<input type="checkbox"/> <input type="checkbox"/>
J80	10-Way Leaf Tampered Junction Box	8+2	70x56x20mm	II	<input type="checkbox"/> <input type="checkbox"/>
GRADE 2, MAXHUNT					
E009	9-Way Leaf Tampered Junction Box	7+2	82x25x20mm	II	<input type="checkbox"/> <input type="checkbox"/>
E011	12-Way Leaf Tampered Junction Box	10+2	69x54x21mm	II	<input type="checkbox"/> <input type="checkbox"/>

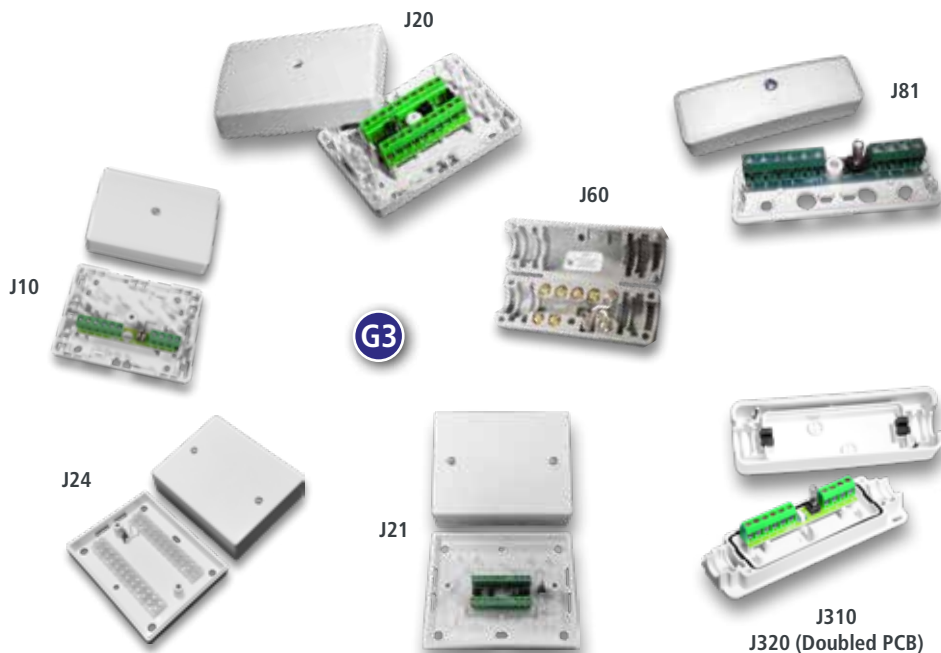


We have a variety of door loops in white or brown that can be supplied with or without junction boxes.

Part Code	Description	Junction Boxes	Enviro Class	Standard Colours
GRADE 2				
L20	6 Way, 12" (305mm) Straight Door Loop.	2x J40	II	<input type="checkbox"/> <input type="checkbox"/>
L20A	6 Way, 12" (305mm) Straight Door Loop.	N/A	II	<input type="checkbox"/> <input type="checkbox"/>
L40	6 Way, 10" (250mm) Coiled Door Loop. Extends to 1750mm	2x J40	II	<input type="checkbox"/> <input type="checkbox"/>
L40A	6 Way, 10" (250mm) Coiled Door Loop. Extends to 1750mm	N/A	II	<input type="checkbox"/> <input type="checkbox"/>
L60	6 Way, 20" (500mm) Coiled Door Loop. Extends to 3500mm	2x J40	II	<input type="checkbox"/> <input type="checkbox"/>
L60A	6 Way, 20" (500mm) Coiled Door Loop. Extends to 3500mm	N/A	II	<input type="checkbox"/> <input type="checkbox"/>
GRADE 3				
L90	Straight Armoured Door Loop, Conduit JBs	2x J60	II	<input type="checkbox"/>
L310	Straight Armoured W/Proof Door Loop, Conduit JBs	2x J310	III	<input type="checkbox"/>



Part Code	Description	Connections	Dimensions	Enviro Class	Standard Colours
GRADE 3					
J24	24-Way TACT Tampered Junction Box	22+2	125x100x51mm	II	<input type="checkbox"/> <input type="checkbox"/>
J81	10-Way TACT Tampered Junction Box	8+2	78x24x20mm	II	<input type="checkbox"/> <input type="checkbox"/>
J10	10-Way TACT Tampered Junction Box	8+2	90x65x27mm	II	<input type="checkbox"/> <input type="checkbox"/>
J20	20-Way TACT Tampered Junction Box	18+2	90x65x27mm	II	<input type="checkbox"/> <input type="checkbox"/>
J21	20-Way Large TACT Tampered Junction Box	18+2	125x100x51mm	II	<input type="checkbox"/> <input type="checkbox"/>
J60	8-Way TACT Tampered Conduit Junction Box	6+2	70x22x23mm	II	<input type="checkbox"/>
J310	10-Way TACT Tampered W/Proof Conduit Junction Box	8+2	115x37x29mm	III	<input type="checkbox"/> <input type="checkbox"/>
J320	20-Way TACT Tampered W/Proof Conduit Junction Box	16+4	115x37x29mm	III	<input type="checkbox"/> <input type="checkbox"/>



SEISMO Shock / Tilt Sensors

Improved manufacturing processes have allowed for great advances in the SEISMO range of shock/tilt sensors over the last few years. Fresh models like the budget friendly SEISMO-LITE and the innovative SEISMO-ADVANCE-HE have been introduced to compliment the existing models, which themselves have benefitted from the refresh. All SEISMO products remain fully compliant to BS EN50131-2-8:2016 at their respective grades.



SEISMO-ADVANCE PCB



Housing for all units

	SEISMO-LITE	SEISMO	SEISMO-G3NR	SEISMO-ADVANCE	SEISMO-ADVANCE-C	SEISMO-ADVANCE-HE
Grade	2	2	3	3	3	3
Class	II	II	II	II	II	II
Dual range sensitivity potentiometer	✓	✓	✓	✓	✓	✓
Shock detection	✓	✓	✓	✓	✓	✓
Back tamper	✓	✓	✓	✓	✓	✓
Tilt detection	✗	✓	✓	✓	✓	✓
Integral resistors ¹	✗	✓	✗	✓	✓	✓
Pulse count	✗	✓	✓	✓	✓	✓
Comfort LED	✗	✓	✓	✓	✓	✓
Fault output ²	✗	✗	✓	✓	✓	✓
Panel LED control	✗	✗	✓	✓	✓	✓
Reed contact	✗	✗	✗	✗	✓	✗
HE contact	✗	✗	✗	✗	✗	✓

¹Selectable & suitable for all standard panels

²Selectable 2k2, 3k, 6k8, 12k fault resistors



All SEISMOs are available in our standard white, brown, black and anthracite grey

SEISMO-ADVANCE-HE represents the very best of the range. The use of a Hall Effect sensor to provide magnetic contact functionality is a robust evolution on the -C variant, which uses glass reed switches. Where the contact functionality is mandatory on the -C variant, it is optional for the SEISMO-ADVANCE-HE and can be toggled by shunt in-situ.

On-board logic and monitoring of the Hall Effect sensor allows for the detection of magnetic interference, ensuring the magnetic contact feature is compliant to BS EN50131-2-6:2008 Grade 3.

Secure contact



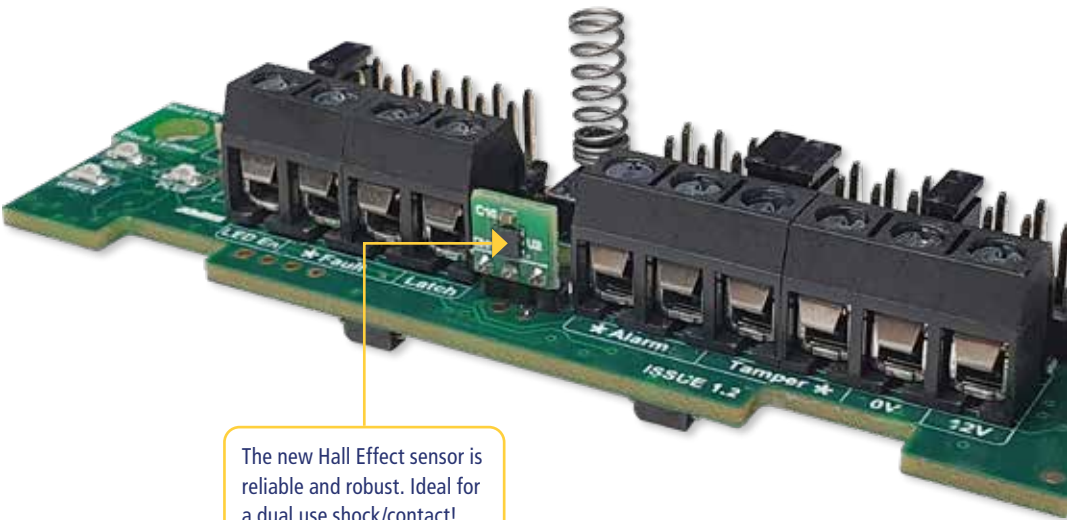
Open contact



 YouTube



**DEMO VIDEO
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The new Hall Effect sensor is reliable and robust. Ideal for a dual use shock/contact!

Panic Buttons | Grade 1 Single Push

A huge selection of Grade 1 and Grade 2 Panic Buttons are available here. Massive choice of shape, finish, latching / non-latching and activation mechanism. All latching end push variations use metal keys.

Part Code	Description	Alarm activation	Tamper	Latching/ Non-Latching	Dimensions	Standard Colours
GRADE 1 SINGLE PUSH						
KP1	Single End Push Panic Button	Reed	Leaf	Latching	83x66x28mm	□
KP1B	Single End Push Panic Button (Brass Fascia)	Reed	Leaf	Latching	83x66x28mm	■
KP1S	Single End Push Panic Button (S/Steel Fascia)	Reed	Leaf	Latching	83x66x28mm	■
KP2	Single End Push Panic Button (N/L)	Reed	Leaf	Non-Latching	83x66x28mm	□
KP2B	Single End Push Panic Button (N/L, Brass Fascia)	Reed	Leaf	Non-Latching	83x66x28mm	■
KP2S	Single End Push Panic Button (N/L, S/Steel Fascia)	Reed	Leaf	Non-Latching	83x66x28mm	■
KP3	Single End Push Panic Button (M/Switch)	Microswitch	Leaf	Latching	83x66x28mm	□
KP7	Single Centre Push Panic Button	Reed	Leaf	Latching	60x60x19mm	□
KP8	Single Centre Push Panic Button (N/L)	Reed	Leaf	Non-Latching	60x60x19mm	□
KP9	Single End Push Mini Panic Button	Reed	Leaf	Selectable	67x52x26mm	□
GRADE 1 SINGLE PUSH MAXHUNT						
G016	Single End Push Panic Button (Metal Key)	Reed	Leaf	Latching	66x50x25mm	□
G017	Single End Push Panic Button (N/L)	Reed	Leaf	Non-Latching	66x50x25mm	□
G018	Single End Push Panic Button (N/L, S/Steel Fascia)	Reed	Leaf	Non-Latching	66 x 50 x 25mm	■

G016 / G017



G018



KP1/KP2/KP3



KP7/KP8



KP15/KP25



KP9

Part Code	Description	Alarm activation	Tamper	Latching/ Non-Latching	Dimensions	Standard Colours
GRADE 2 DOUBLE PUSH						
KP4	Panic Button Double Push	Reed	Leaf	Latching	83x66x28mm	<input type="checkbox"/>
KP4B	Panic Button Double Push Brass	Reed	Leaf	Latching	83x66x28mm	
KP4S	Panic Button Double Push S/Steel	Reed	Leaf	Latching	83x66x28mm	
KP4DP	Panic Button Double Push, Double Pole (DPST)	Reed / Microswitch	TACT	Latching	83x66x28mm	<input type="checkbox"/>
KP5	Panic Button Double Push N/L	Reed	Leaf	Non-Latching	83x66x28mm	<input type="checkbox"/>



Panic Buttons | Grade 3 Double Push

Our modern selection of panic buttons is represented by the PA2 range. PA2 offers traditional double end push operation as well as a double side push variant for reduced accidental activations. All variants are available in white, or black with a stainless steel fascia. Restored and non-restored models are available. All units are reset with a metal key supplied with every PA.

Part Code	Description	Alarm Activation	Tamper	Latching/ Non-Latching	Dimensions	Standard Colours
GRADE 3 DOUBLE PUSH						
PA2 RANGE						
PA2EW	Double End Push Panic Button	Microswitch	TACT	Latching	84 x 65 x 26 mm	□
PA2ES	Double End Push Panic Button (S/Steel Fascia)	Microswitch	TACT	Latching	84 x 65 x 26 mm	◼
PA2SW	Double Side Push Panic Button	Microswitch	TACT	Latching	84 x 65 x 26 mm	□
PA2SS	Double Side Push Panic Button (S/Steel Fascia)	Microswitch	TACT	Latching	84 x 65 x 26 mm	◼
PA2 RANGE WITH SELECTABLE RESISTORS						
PA2EWR	Double End Push Panic Button	Microswitch	TACT	Latching	84 x 65 x 26 mm	□
PA2ESR	Double End Push Panic Button (S/Steel Fascia)	Microswitch	TACT	Latching	84 x 65 x 26 mm	◼
PA2SW	Double Side Push Panic Button	Microswitch	TACT	Latching	84 x 65 x 26 mm	□
PA2SSR	Double Side Push Panic Button (S/Steel Fascia)	Microswitch	TACT	Latching	84 x 65 x 26 mm	◼

Features

- Silent operation to BS4737 Part 2
- Visual indication of activation
- Normally Open/Closed Selectable
- Flexible fitting positions & knock-outs
- All units supplied with metal reset key
- Non-latching units available on request



PA2SS/PA2SR



PA2ES/PA2ESR



PA2SW/PA2SWR



PA2EW/PA2EWR

The PA4 offers a unique solution to loss of HUD Police Response events by offering a two-zone, confirmed panic signal. On-board logic handles sequential activation of the wired zones and a range of shunt selectable resistors ensures compatibility with all mainstream panels.

Part Code	Description	Alarm Activation	Tamper	Latching/ Non-Latching	Dimensions	Standard Colours
GRADE 3 CONFIRMABLE						
PA4W	4-Button Confirmable Electronic PA, LED, Integral Resistors	Microswitch	TACT	Selectable	84 x 65 x 26 mm	<input type="checkbox"/>
PA4S	4-Button Confirmable Electronic PA, LED, Integral Resistors (S/Steel Fascia)	Microswitch	TACT	Selectable	84 x 65 x 26 mm	<input checked="" type="checkbox"/>

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 back tamperers
- Selectable confirmation mode
- Metal Key reset
- Integral timer
- Simple to install, commission and use
- Selectable latching / non-latching
- Uses 12V supply

PA4 range



Arun Electronics: Contacts / Magnets

In 2019, Knight acquired Arun Electronics Ltd and their excellent range of contacts suited for higher voltage applications. All contacts on this page are blue in colour and constructed of diecast zinc or resin filled polycarbonate - designed for very heavy duty applications. They are now manufactured at our Cardiff site alongside our other products. RoHS and EN50131-2-6 Grade 1 compliance comes as standard.

Part Code	Description	Casing	Dimensions	Electrical Rating	Operating Gap (Make/Break)
CHANGEOVER - CONTACT FORM C/O					
C/O3/M	3-Core Mini magnetic proximity sensor, IP65, 0.5m 7-2-3A DEF61-12 fly lead	Diecast Zinc	38.1x12.7x7.5mm	30VDC / 0.5A (0.2A switching)	AM/4: 13/19mm AM/8: 20/29mm
C/O4	4-Core Long magnetic proximity sensor, IP65, 0.7m 3184Y 0.75mm fly lead	Diecast Zinc	79.8x19.1x9.65mm	400VDC / 2A (1A switching)	AM/4: 8/12mm AM/5: 13/25mm
C/O4/RS	4-Core large magnetic proximity sensor, IP67, 0.7m 3184Y 0.75mm fly lead	Polycarbonate	84x21x20.5mm	400VDC / 3A (1A switching)	AM/9: 26/35mm AM/10: 32/49mm
NORMALLY OPEN SWITCHES - CONTACT FORM N/O					
N/O2/M	2-Core Mini magnetic proximity sensor, IP64, 0.5m 2182Y 0.5mm fly lead	Diecast Zinc	38.1x12.7x7.5mm	75VDC / 2A (1A switching)	AM/4: 9/18mm AM/8: 18/27mm
N/O2/S	2-Core Large magnetic proximity sensor, IP67, 1m 16-2-2 0.5mm fly lead	Polycarbonate	84x21x20.5mm	250VDC / 5A (3A switching)	AM/9: 25/39mm AM/10: 35/50mm
N/O3	3-Core Long magnetic proximity sensor, IP64, 0.7m 3183Y 0.75mm fly lead	Diecast Zinc	79.8x19.1x9.65mm	250VDC / 5A (3A switching)	AM/5: 13/23mm
N/O4/S	4-Core Large magnetic proximity sensor, IP67, 3m DEF 16-2-4A fly lead	Polycarbonate	84x21x20.5mm	100VDC / 1.5A (1A switching)	AM/9: 50/70mm AM/10: 65/90mm



Part Code	Description	Casing	Dimensions
AM/4	Mini heavy duty magnet	Diecast Zinc	38.1x12.7x7.5mm
AM/5	Standard heavy duty magnet	Diecast Zinc	38x25.3x9.7mm
AM/8	Mini heavy duty magnet, high power	Diecast Zinc	38.1x12.7x7.5mm
AM/9	Large heavy duty magnet	Polycarbonate	84x21x20.5mm
AM/10	Large heavy duty magnet, high power	Polycarbonate	84x21x20.5mm

We also continue to manufacture the full range of pressure mats offered by Arun Electronics. They have a variety of uses in the access control, space monitoring, security and medical industries – anyplace where you need to monitor presence. A variety of shapes, sizes and sensitivities means that there is probably a mat here that suits your purpose. If not – get in touch!

Part Code	Description	Dimensions	Wiring
PM1	Stair mat	595x170	4 Wire
PM2	Standard mat	720x390	4 Wire
PM2L	Long lead std mat	720x390	4 Wire
PM3	Large mat	720x560	4 Wire
PM3L	Long lead large mat	720x560	4 Wire
PM4	Stair turn mat	570x430	2 Wire
PM5	Small pad	330x260	2 Wire
PM6	Floor mat	400x235	2 Wire
PM7	Stair mat (sensitive)	595x170	2 Wire
PM8	Small pad (sensitive)	330x260	2 Wire
PM10	Disc pad	305 DIA	2 Wire
PM11	Small pad	230x160	2 Wire
PM12	Small pad (sensitive)	230x160	2 Wire



Fuse and Resistor Kits

Handy Fuse Kits and Resistor Kits which contain the most common fuses and resistors required by engineers for fire / security / access control projects.

FUSEKIT	Specifications
	90x IEC glass fuses, 5 each of the below ratings:
	20mm: T1A—T2A—T3.15A—T5A—F500mA—F1A—F1.6A—F2A—F2.5A—F3.15A—F4A—F5A—F6.3A—F10A
	32mm: F1A—F2A—F5A—F10A
RESKIT	Specifications
	270x metal film (0.25W 1%) resistors, 30 each of the ratings listed below:
	470 Ω, 680 Ω, 1K Ω, 2K2 Ω, 3K9 Ω, 4K7 Ω, 6K8 Ω, 10K Ω, 20K Ω



Call Points

The popular Maxhunt Range of Call Points is available in a whole host of colours and options – these are listed in the table below. You can also buy spares and hinged covers if required. As we manufacture in house we can produce with different branding, labelling or resistors if required.

STANDARD CALL POINTS- SURFACE MOUNT					
Code (Green version)	POLES	LED & 470 OHM RESISTOR	LIKE GLASS (LG)/ RESET PLATE (RP)	WIRED FOR MAGLOCK	OPTION
MX54SG	1	N	LG	N	#
MX55SG	1	Y	RP	N	
MX56SG	1	Y	RP	Y	
MX74SG	2	N	LG	N	#
MX75SG	2	Y	RP	N	
MX76SG	2	Y	RP	Y	
MX84SG	3	N	LG	N	#
MX85SG	3	Y	RP	N	
MX86SG	3	Y	RP	Y	

WEATHERPROOF CALL POINTS- SURFACE MOUNT					
Code (Green version)	POLES	LED & 470 OHM RESISTOR	LIKE GLASS (LG)/ RESET PLATE (RP)	WIRED FOR MAGLOCK	OPTION
MX57SWG	1	N	LG	N	#
MX58SWG	1	Y	RP	N	
MX59SWG	1	Y	RP	Y	
MX77DWG	2	N	LG	N	#
MX78DWG	2	Y	RP	N	
MX79DWG	2	Y	RP	Y	
MX87TWG	3	N	LG	N	#
MX88TWG	3	Y	RP	N	
MX89TWG	3	Y	RP	Y	

- REPLACE G IN CODE FOR COLOUR WITH
- W=WHITE, B=BLUE, Y=YELLOW R=RED
- # ADD 'S' ON THE END OF CODE TO SWAP 'LIKE GLASS' FOR RESET PLATE'
- ALL RED CALL POINTS HAVE 470 OHM RESISTOR AS STANDARD
- OTHER RESISTOR OPTIONS AVAILABLE ON REQUEST
- UNITS CAN BE FITTED WITH INTEGRAL BUZZER ON REQUEST

Features
Installer friendly
Reliable, time-tested design
Huge range of options / colours
Easy to test
Technical support direct from the manufacturer
Size: 87x87x53mm
Material : ABS Housing, PC Cover
Electrical rating: 3A / 250VAC
Ingress rating: Weatherproof IP67, Standard IP24

WEATHERPROOF



ACCESS



FIRE



Call Point Spares and Ancillaries

Part Code	Description
MX001	Spare Keys (10pk)
MX002	Breakable Glass Elements (10pk)
MX003	Hinged Front Cover
MX004	Resettable Elements (10pk, Suits standard units)
MX004E	Resettable Elements (10pk, Suits weatherproof units)
MX005	Breakable 'Like Glass' Elements (10pk)

MX001



OM-1



MX004



MX003



OMNI - Part Code: OM-1

The OMNI is a double gang plastic back box which can house an MX callpoint, alongside another 'Press To Exit' single gang device in either a vertical, or horizontal configuration. This can be determined on site.

- Material : ABS
- Dimensions: Platform 88x88x21mm / Base 190x88x26mm
- Colour: Green (others available on request)



Knight proudly introduces the new BCP range of resettable backlit call points.



- Single, double & triple pole variants
- Wide range of colour options
- Novel reset mechanism
- Internal PCB with wire clamping terminal blocks
- 12-24V DC input
- Configurable red/green backlight
- Configurable buzzer
- Standard back box fitting
- Compatible with MX003 front cover and MX001 key
- All poles dry with NO/C/NC wiring points



**DEMO VIDEO
SCAN HERE!**

Part Code	Description	Standard Colours
BCP01	Single pole resettable call point, backlight/buzzer	■
BCP02	Double pole resettable call point, backlight/buzzer	
BCP03	Triple pole resettable call point, backlight/buzzer	
MX001	Spare keys (10pk)	■
MX003	Hinged front cover	□

All pass keys have micro-switch operation 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.

Part Code	Description	Dimensions	Grade
P01 ¹	DPCO Pass Key Switch, Aluminium housing, Keys differ	92x38x35mm	3
P01W ¹	DPCO Pass Key Switch, Aluminium housing, Keys differ	92x38x35mm	3
P02 ¹	DPCO Pass Key Switch, Aluminium housing, Keys alike	92x38x35mm	3
P03	SPCO Pass Key Switch, Polycarbonate housing, Keys differ	96x45x35mm	3
P04	SPCO Pass Key Switch, Polycarbonate housing, Keys alike	96x45x35mm	3
P05	SPCO Pass Key Switch, Polycarbonate housing, Twin LEDs, Keys alike	96x45x35mm	3
SKP1	SPCO Pass Key Switch, Polycarbonate housing, Keys differ	95x44x38mm	3



Final Exit Set Switches

Our Z30 Flush and Z40 surface final exit switches offer a G3, pre-resistored solution in this category. Metal construction is as standard, with security screws an option for vandal-proofing.

The Z20/Z20B switches offer the same core function without the G3 necessities, encased in a rubberised housing.

Part Code	Description	Dimensions	Grade
Z20	Surface Exit Switch, Santoprene flexible housing, SPCO operation, Integral Buzzer, White	52x33x22mm	1
Z20B	Surface Exit Switch, Santoprene flexible housing, SPCO operation, Integral Buzzer, Black	52x33x22mm	1
Z30 ^{1,3}	Flush Stainless Steel Exit Switch, Integral Buzzer, Selectable Resistors	Fascia: 50x30mm Body 30x16mm	3
Z40 ^{1,2,3}	Surface Aluminium Exit Switch, Integral Buzzer, Selectable Resistors	90x38x30mm	3

- ¹ See back cover for resistor specification
- ² Security screws an option – append -S to part code
- ³ Operation is N/O going closed when activated



Technical Data

Several of our products contain a selection of integral resistors that can be enabled by shunt link or wire selection.

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, Orisec	2K2	4K7
Risco (Gardtec)	4K7	6K8
Guardall	8K2	8K2
Europlex 3GS, MDT, Risco Lightsys / Prosys ¹	2K2	2K2
DSC ²	5K6	5K6
Pyronix Matrix, GE/Aritech, Siemens, HKC	4K7	4K7
Inner Range	2K2	6K8
PACOM ³	10K	10K

¹ Unavailable on Z30

² Unavailable on F10CMULTI, H10AMULTI, Z30, YA, YF, YH, YE ranges

³ Limited to X/A41 range, X/A51 range & PACOM range (p.16)

Other products (e.g. AR04) must be built with resistors to customer specification - either from the above table or a bespoke configuration.

Our 8-Core multiresistor contacts (e.g. YF10C, YA40, YE50) behave as follows when wired in shared zone. Check this is acceptable to your panel – you may need to adjust zone settings to suit:

Panel	Both Closed	One Open	Both Open
Honeywell / Ademco	1k	2k	3k
Europlex	2k2	4k	5k8
Pyronix / Texecom	2k2	6k9	11k6
Siemens / Aritech / Pyronix	4k7	9k4	14k1
Gardtec	4k7	11k5	18k3
Guardall	4k1	7k5	8k6
Menvier / Scantronic / Castle	2k	6k	7k6

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