



CQR

SECURITY

INTRUDER



Intruder detection systems for Industrial, commercial and domestic property

When it comes to protecting property there can be no compromise, your business needs a partner that can deliver reliable approved systems backed by first class support. Located on the Wirral, UK, CQR is one of the leading manufacturers of detection devices, sounders and cabling for the Intrusion and Access Control market.

Our values and aims:

- Easy to do business with
- Provide quality systems that are value for money
- Partner our customer for long term mutual benefit
- Solutions designed to meet EU approvals
- Continued research into new technologies

Approvals



EN54



CE



System5
APPROVED



CQR - First Choice for Quality



Contents

3.....Cables	13.....Call Points
5.....Magnetic Contacts	14.....Power Supplies
7.....External Sounders	15.....Junction Boxes
9.....Internal Sounders	16.....Exit Buttons
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12.....Call for Assistance Alarm	

Online Resources



- Data sheets
- Product profile
- User manuals
- Installation guides



www.cqr.co.uk

Contact us



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TECHNICAL

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CQR are the leading U.K. Manufacturer of cables for Intrusion Detection, Access Control and Fire Retardant applications. All our cables are manufactured at our specialist factory in the U.K.

Cables

Professional Cable

2, 4, 6, 8, 12 Core

4, 6, 8 and 12 core for LSZH



Suitable for any installation where signal integrity is essential.

✓ 7 x 0.182mm² Tinned Copper ✓ BS4737-3.30:2015 Type 2 (LSZH Type 1)

Belden Style Cable

2 x 2 or 2 x 3 core

6, 8 and 10 core for Standard



Used for security and access control RS-232, RS485 data transfer. Meets Belden specification 8723, 8777, 9450, 9538 and 9536.

✓ 7 x 0.25mm² Tinned Copper for Data Cables ✓ BS4737-3.30:2015 Type 2 (LSZH Type 1)
 ✓ 7 x 0.194mm² Tinned Copper for Standard Cables

CCAM Cable

4, 6, 8, 12 Core



Suitable for domestic applications and shorter distances.

✓ 7 x 0.2mm² Copper Clad Aluminium ✓ BS4737-3.30:2015 Type 3

Power & Data Cable

4, 6, 8 Core



For use where higher than usual current carrying capacity or lower voltage drop is required.

✓ 7 x 0.182mm² Data / 16 x 0.2mm² Power ✓ BS4737-3.30:2015 Type 2 (LSZH Type 1)

Solid Cores

4, 6, 8 & 10 Core



Suitable for any installation where signal integrity is essential on longer cable distances.

✓ 1 x 0.5mm² Tinned Copper ✓ BS4737-3.30:2015 Type 2

Twisted Pair Cable

4 Core



For applications such as Access Control and CCTV.

✓ 24 x 0.2mm² Tinned copper ✓ BS4737-3.30:2015 Type 2

Flame Retardant Cable

2, 4 Core



Designed to resist the spread of fire vertically along the cable.

✓ 1 x 0.76mm² Tinned copper ✓ Compliant to IEC 60332-3-2

White sheath **WH**

Brown sheath **BR**

Grey sheath **GY**

Red sheath **RD**

Screened **S**

Unscreened **US**

Low Smoke Zero Halogen outer sheath **LSZH**

Standard PVC outer sheath **PVC**

Low Smoke & Fume outer sheath **LSF**

PVC Type R sheath **PVC R**

More details at www.cqr.co.uk

CQR



All cable manufactured
by CQR is fully compliant with
EN50575:2014,A1 2016



UK Manufactured to BS4737-3.30:2015

Coloured Rip Cord
in all CQR Cable

For identification of
BS4737-3.30:2015

TYPE 1 **TYPE 2** **TYPE 3**

more info at www.cqr.co.uk



CQR Cable
First Choice for Quality

CQR

Professional Cable - Copper Cores
CCAM - Copper Clad Aluminium Magnesium Cores
Power & Data - For higher current capacity
Belden Style - Meets Belden Style Specification B723 & B777
Also available with a Low Smoke Zero Halogen Sheath

- ✓ Range of core sizes available
- ✓ UK manufactured to BS4737-3.30:2015
- ✓ Available as screened or unscreened
- ✓ All cable available in various lengths

Full list of cables at
www.cqr.co.uk



Euroclass D_{ca} cable available now from CQR

- LSZH class D_{ca} sheath and cores
- 100% Tinned copper
- Screened or unscreened
- Multi stranded or solid cores

Call CQR for the latest Euroclass Cables Available



FLUSH CONTACTS

CQR offer a range of magnetic contacts for mounting flush into windows and doors. Available with pre fitted resistor values to be compatible with your choice of control equipment, or the universal MULTI resistor version. Products meet EN50131 G2/G3 standards, available in white or brown.



FC508



FS610



FC503



FC505



FC620



FC509

INDUSTRIAL GRADE MAGNETIC CONTACTS

Designed for heavy duty doors, roller shutters and windows. Constructed from robust and durable materials to give reliable operation in industrial, domestic and commercial applications.



RS002



RS007



GP001

The CQR range of magnetic contacts are renowned throughout the Security Industry for their quality and reliability. Many of our products are independently certified to EN50131 G2/G3 standards.

Our MULTI resistor technology allows the Installer to reduce inventory by stocking one product that can be used with most control equipment.

SURFACE CONTACTS

CQR offer magnetic contact solutions for metal, wooden and double opening doors. Available with pre fitted resistor values to be compatible with your choice of control equipment or the universal MULTI resistor version. Products meet EN50131 G2/G3 standards, available in white or brown.



SC517/MULTI



SC517



SC550



SC555



SC525



SC570/MULTI



SC570



SC570/MULTI/DD



Surface Contact SPACERS
5mm Spacers in packs of 10 sets

Suitable for CQR's
SC513, SC517 &
SC570 range





Multibox - External Sounder

Standard - EN50131-1:2006+A1:2009 grade 2 EN50131-4 type Z **Plus** - EN50131-1:2006+A1:2009 grade 3 EN50131-4 type Z

- ✓ 8 Interchangeable covers
- ✓ Independently tested to EN50131 G2/G3
- ✓ Trigger wire monitoring (Plus)
- ✓ SAB (standard), SAB/SCB (plus)
- ✓ Battery Monitoring
- ✓ Strobe Saver
- ✓ Comfort LED's



Bora - External Sounder

EN50131-1:2006+A1:2009 grade 2 EN50131-4 type Z

- ✓ High power external siren and strobe 120dB @ 1mtr
- ✓ High security - Double skinned housing: External: UV stable ABS 3mm Plastic
Internal: 0.8mm Galvanized metal cover.
- ✓ Modulated two tone sound output
- ✓ High intensity LED strobe
- ✓ Negative trigger input to activate the LED strobe only



Orion - External Sounder

EN50131-1:2006+A1:2009 grade 3 EN50131-4 type Z

- ✓ Vertical or Horizontal versions
- ✓ One or two lenses
- ✓ Adjustable wall mounting
- ✓ Knockout spacers
- ✓ Hinged flush fitting covers
- ✓ Concealed cover screws



Ultima - External Sounder

EN50131-1:2006+A1:2009 grade 3 EN50131-4 type Z

- ✓ Low profile
- ✓ Dual skinned 3mm polycarbonate
- ✓ Twin comfort LED's
- ✓ Twin Strobe
- ✓ Wall, cover and optional screw tamper
- ✓ Selectable SAB/SCB

Versatile by Design



NEW Sounder from CQR

SENZA

Also Available



UNIVERSALLY WIRELESS



BACKLIT



GRADE 2



GRADE 3

CQR Senza - External Sounder

Standard - EN50131-1:2006+A2:2017 Grade 2 EN50131-4 type Z

Plus - EN50131-1:2006+A1:2009 Grade 3 EN50131-4 type Z

- ✓ 2 Interchangeable covers
- ✓ Backlit option - 'Dusk to Dawn or On' (Backlit Model)
- ✓ Confirmed alarm input audible & LED (Plus)
- ✓ Lithium battery charging
- ✓ Trigger wire monitoring (Plus)
- ✓ SAB/SCB option



CQR Senza Wirefree- External Sounder

EN50131-1:2006+A2:2009 Grade 2 EN50131-4 type W

- ✓ 2 Interchangeable covers
- ✓ Universally wire free with leading intruder alarm panels
- ✓ Unique range test LED indicator
- ✓ LED status indicator
- ✓ Universal wire-free 868Mhz



External Sounders

FREE Design and Print (digital or 2 colour screen print) of your logo on CQR External Sounders *restrictions may apply

www.cqr.co.uk/artwork-request



Intra - External / Internal Sounder

EN50131-1:2006+A1:2009 grade 2 EN50131-4 type Z

- ✓ 3mm polycarbonate cover and backplate
- ✓ Selectable failsafe timer 5 or 20min
- ✓ Sounder 115db(A) @ 1mtr
- ✓ SAB
- ✓ Wall & Cover tamper





A range of quality internal sounders, buzzers and speakers to deliver audio and visual signalling of an intrusion attempt. CQR offer a large range of products to suit any application.

Internal Sounders



PICCOLO - EN50131-Grade 3 Internal Sounder

- ✓ Low profile design
- ✓ Piezo sounder for audible indication
- ✓ Bright LED's for visual indication
- ✓ Selectable alternating or continuous tone
- ✓ Flashing alarm indication
- ✓ Low current consumption
- ✓ Tamper protected lid and mounting
- ✓ 115dB(A) sound output



ALTO - EN50131-Grade 3 Internal Sounder

- | | |
|---|---|
| <p>Internal Sounder</p> <ul style="list-style-type: none"> ✓ Low profile design ✓ Selectable alternating or continuous tone ✓ Low current consumption ✓ Tamper protected lid and mounting ✓ INCERT Approved | <p>Internal Speaker</p> <ul style="list-style-type: none"> ✓ Low profile design ✓ 16 ohms speaker ✓ Tamper protected lid and mounting ✓ Dynamic piezo technology ✓ High Impedance allowing multiple speakers to be used |
|---|---|



ARIA - Internal Speaker

- ✓ Flush Mount
- ✓ 16 ohms speaker
- ✓ Brushed steel effect
- ✓ Tamper Protection
- ✓ Single gang (85mm x 85mm)



SOINT - Internal Sounder

SOINT 2 HI-LO - Grade 3 - The SOINT2 HI-LO low profile housing contains a multi tone sounder, with separate inputs for exit time and alarm sound.

Also available as a speaker

FULL RANGE OF

BUZZERS SPEAKERS HORN SOUNDERS PIEZO SOUNDERS

at www.cqr.co.uk





Shock sensors are designed to respond to shock waves within the material they are mounted to. Once the shock level threshold has been breached the device will create an alarm condition.

The CQR Shock Sensor is designed to give a warning when a forced entry is in progress, and not after an intruder has gained access to the building. Mass inertia Shock Sensors can be used on virtually any permanent building material, the applications are practically unlimited. The most common materials that the devices are used on include; UPVC and wooden windows, permanent structures including masonry, brick, block and concrete. They can also be used on metal such as sheet roofing, steel sheeting, load bearing steelworks such as beams and girders.

- ✓ Domestic and Commercial Windows and Doors
- ✓ Cash dispensers (ATM)
- ✓ Glass windows
- ✓ Cash and valuable storage facilities
- ✓ Strong rooms
- ✓ Self-storage units
- ✓ Shipping containers

Trapper - Intelligent Shock Sensor & Analyser

MA100T - Mass Inertia Shock Analyser

Works in conjunction with CQR shock sensor range.

SD's - Mass Inertia Shock Sensor

Mass inertia shock sensors can be used with the Trapper or with the MA100T Analyser.



Trapper

Shock Sensors



SD1 - Flush Mounted

SD2 - Small Surface Mounted



SD3 - Surface with tamper

SD4 - Surface with tamper and magnetic switch



MA100T



CQR offer a market leading range of hold up devices. From the PADP3 to the innovative electronic EPA-NG PD6662:2010 / BS8243 compliant electronic panic button.



PADP3 - Double Push

The double push range of PA Buttons are all suitable for use in Grade 3 Installations. Inside the traditional double push design are a selection of end-of-line resistors for the convenience of the installer.



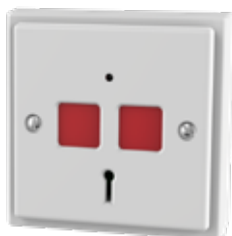
The EPA-NG Double Push

The EPA-NG is the most advanced PA Button available on the market today. Packed with innovative features, this electronic unit is a versatile device capable of many functions including confirmed output. Available in white and stainless steel finishes.



PASP1 - Single Push

The single push range of PA Buttons are available in white and stainless steel finishes.



EPA-STD - Double Push

The original electronic Hold-Up Device is now available with a stainless steel flat plate. This is flush fitting which allows the device be mounted in a standard UK single gang box.





Call for Assistance Alarm

- ✓ Two wire system using 4 core screened alarm cable
- ✓ CE, Complies to BS8300:2009
- ✓ Appealing design and simple to use
- ✓ Networking of multi control units (optional)
- ✓ High visibility LED indicators
- ✓ Integral power supply (optional standby battery)

Main control unit

- Flush fitting (standard double gang back box)
- Selectable reset
- Optional network expansion two wire system
- Integral reset button

Pull cord

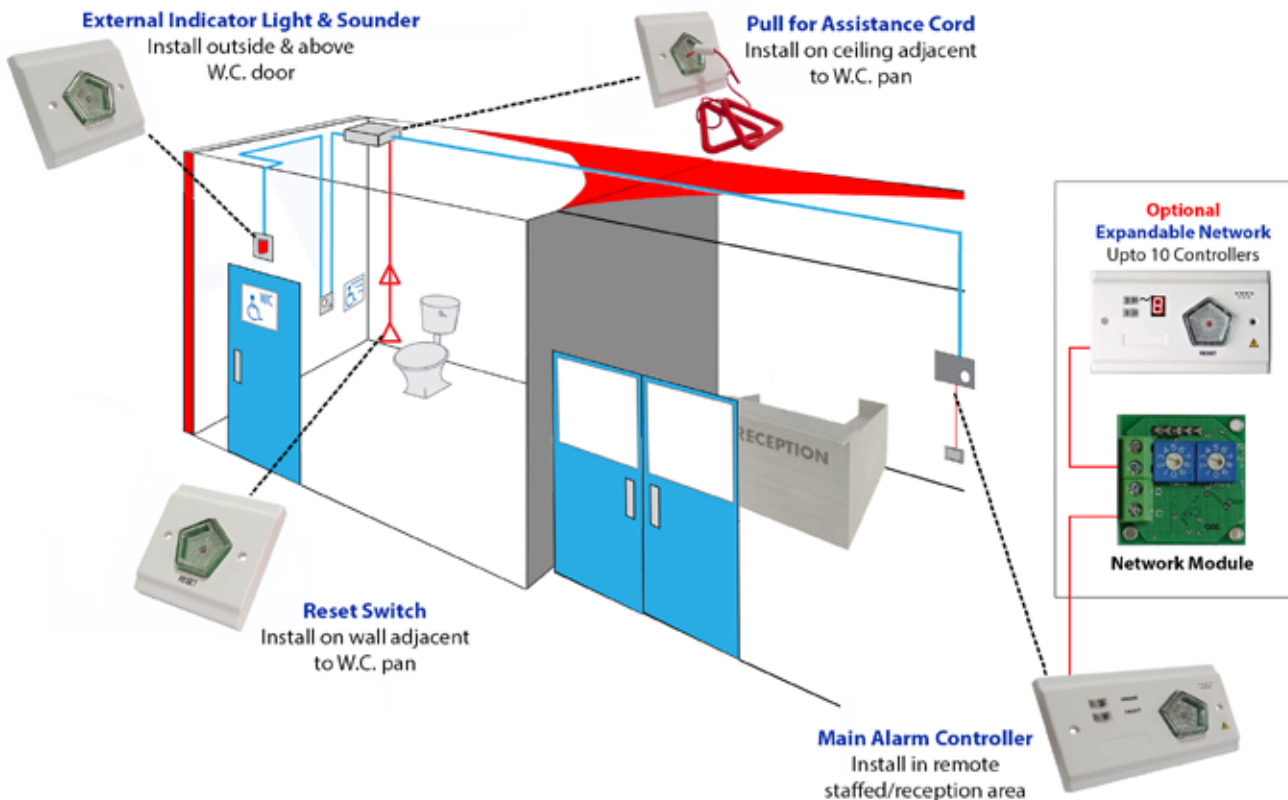
- Flush fitting (standard single gang back box)
- Reassurance LED
- Red pull cord with 2 handles
- 3 meters cord length

Reset button

- Flush fitting (standard single gang back box)
- Integral sounder and reset

Over door indicator

- Flush fitting (standard single gang back box)
- Powerful sounder and bright LED





Access and Emergency products Manual Call Points (MCP)

FP3

The FP3 is available in a variety of colours to suit different applications. Red is available as single pole and is certified to EN54-11 and CPR. White and yellow are available as single or double pole. Green is available in single, double and triple pole.



- Single pole - ■ ■
- Double pole - ■
- Triple pole - ■
- Triple Pole - ■
(with Buzzer)

- ✓ Key resettable
- ✓ Red - jumper selectable EOL 470-680 Ohms. Addressable also available
- ✓ White, yellow & green for use in applications such as Access Control
- ✓ Lift up cover available (FP3/COVER)
- ✓ CPR Certified (Red only)
- ✓ Triple pole version available
- ✓ Spare key available (FP3/KEY)

FP2

The FP2 manual call point is a key resettable device which offers all commonly used switch monitoring configurations in one device. Available in white, yellow and green for use in other applications such as Emergency Door Release.

- ✓ Available as double pole or single pole
- ✓ Key resettable
- ✓ Lift up cover available (MOUFP2C)
- ✓ Choice of wording
- ✓ Spare key available (MOUKEY/BK)





The CQR range of switch mode power supplies incorporate the latest highly efficient technology. This technology offers key benefits over traditional linear PSU's



Switch Mode Power Supplies

SINGLE Indicator 

MULTI Indicator 

EN Grade 2

EN Grade 3

High efficiency: CQR Power supplies are more cost effective to operate due to the switching technology

Delivery of Power: Power will be delivered consistently over the life of the product

Operational Temperature: Switch Mode PSU's operate at a lower temperature than traditional PSU's which can be of benefit in enclosed spaces or air conditioned rooms



CQR offer both leaf spring tampered junction boxes as well as microswitch tampered products for use in Graded applications. We also offer weatherproof junction boxes and a range of door loops.

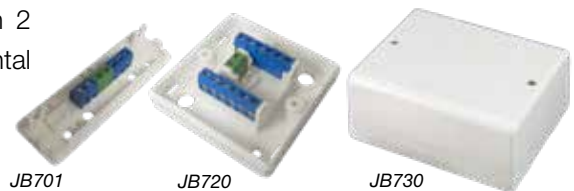
Microswitch Tamper Junction Boxes

Junction boxes are available in white or brown and as a 5, 12 or 24 way with 2 terminals for tamper. Also available is the JB757 Grade 3 Environmental Class III.



Junction Boxes

Tampered junction boxes available as a 5, 12 or a 24 way with 2 terminals for tamper. The 5 and 12 way are Grade 3 Environmental Class II.



Door Loops

A range of door loops available with 4 or 6 cores, fixed or extendable lengths and supplied with junction boxes included. They are constructed from copper cores for ease of connection.



Empty Boxes

A range of white empty plastic boxes suitable for both security and non-security applications.





A range of Stainless Steel green domed, push plate and standard architrave Exit Buttons designed to meet the most robust applications.



- ✓ Available as push plate, push button and green domed
- ✓ Flush or surface mount
- ✓ Stainless steel
- ✓ Complete with green back box

- ✓ Touch free Exit Button
- ✓ Illuminated sensor
- ✓ Flush or surface mount
- ✓ Complete with green back box



12 Volt Fire Detector Range

A range of professional grade 12v fire detectors that can be fitted to an intruder alarm system.

- ✓ Dual LED's for 360° visibility
- ✓ Advanced detection and discrimination algorithms
- ✓ Easy installation and maintenance
- ✓ Sleek low-profile housing
- ✓ Durable sensor head, no need for replacement
- ✓ 4 wire
- ✓ Supplied with base



INTERNAL SOUNDERS

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SO/ALTO/WH/G	Alto Wh Sounder G3 EN	SP/ALTO/WH	Alto White Extension Speaker With Tamper	SO401/WH	Small White Piezo Sounder
SO/ALTO/WH/G/BEL	Alto Wh Sounder G3 EN INCERT			SO50M2	50mm Mylar Cone Speaker
SO/ALTO/WH/G/S5	Alto Wh Sounder G3 EN, System 5	Sounders & Buzzers			
SO/PICCOLO/WB/G3/S5	Piccolo Sounder White Blue G3 System 5	BZ27/LS	Buzzer Medium 12V	SO812	Horn Sounder 12 Volts DC
SO/PICCOLO/WR/G3	Piccolo Sounder White Red G3	BZ35/LS	Buzzer Large 12V	SO85M/8/34	85mm Mylar Cone Speaker, 8ohm .
SP/ARIA/SS	Flush Mounted 16ohm Speaker	BZ722	Buzzer Mini 12 volts	SOSB2L	Quad White Piezo Sounder 12V
SOINT2/WH/HI-LO	Internal Sounder 12 Volt White HI-Lo			SOSB1L	Dual White Piezo Sounder 12V

HOLD UP DEVICES

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PASP1	Single Push PAB White	PADP3/SS/WH	PA White-SS G3 Multi Metal Key	Electronic Hold Up devices	
PASP1/SS	Single Push PAB S/S	PADP3/WH	PA White G3 Multi Plastic Key	EPA/STD	Electronic Panic Attack Standard
PADP2/SS/G1	DP S/S PA Button No Tamper	PADP3/WH/M	PA White G3 Multi Metal Key	EPA/STD/SS	Electronic PA Std Stainless Steel G3
PADP2/WH/G1	Double Push PAB White No Tamper	PA/KEYS	Spare Keys For All PA's Black PC.	EPA-NG/PLUS/SS/G3	Electronic Panic Attack NG Plus SS G3
PADP3/BS/BK	DP Brass Effect PA Grade 3 Multi			EPA-NG/PLUS/WH/G3	Electronic Panic Attack NG Plus White G3
PADP3/SS/BK	PA Black-SS G3 Multi Metal Key			EPA-NG/STD/SS/G3	Electronic Panic Attack SS Std SS G3
				EPA-NG/STD/WH/G3	Electronic Panic Attack NG Std White G3

CALL POINTS

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Fire Call Point		FP2/GR/EDR	FP2 Green label Emergency Door Release	FP3/GR/TP	FP3 Surface Call Point Green Triple Pole
FP3/RD	FP3 Surface Call Point Red	FP2/WH/DP/LU	FP2 White Double Pole	FP3/GLASS	Glass For FP3
MOU/FC	FP2 lift up Clear Cover	FP2/WH/EDR	FP2 White label Emergency Door Release	FP3/COVER	Clear Cover For FP3 Call Point
Access		FP2/YL/DP	FP2 Yellow Double Pole	FP3/GR	FP3 Surface Call Point Green
FP2/GR/DP/LU	FP2 Green Double Pole			FP3/GR/DP	FP3 Surface Call Point Green Double Pole

EXIT BUTTONS

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XB/ARCSS25	Architrave S/S Press To Exit Button 25mm	XB/GD01P/DR	Green Dome Exit Button	XB/PP25	Push Plate Exit Button C/W 25mm Gang
XB/EDR/GR	Exit Button & Emergency Door Release Combo	XB/GD25	Green Dome Exit Button C/W 25mm Gang Box	XB/SS25	S/steel Exit Button C/W 25mm Gang Box
XB/EXTR28	28mm Extrusion (Use With 25mm Gang Box)	XB/PP02P	Push Plate Exit Button W/G Ptd "Exit"	XB/TF1	S/steel Button Touch Free C/W 25mm Gang
XB/GB05P/DR	Green Dome Exit Button				

POWER SUPPLIES - Available in small, medium or large cases

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PSS/SPLITTER/4BNC	12V 4 Way Splitter With BNC In/Out	PSS12V5A/MI/B	12V 5A PSU Multi Ind Box Med	PSS12V1A/G3/B	12V 1A PSU EN Grade 3 Box Med
PSS/SPLITTER/8	12V 8 Way Fused Splitter	PSS24V2A/SI/B	24V 2A PSU SI With B/C Box Med	PSS12V2A/G2/B/T2	12V 2A PSU EN Grade 2 Med With T2 Leads
PSS12V1A/MI/B	12V 1A PSU Multi Ind Box Med	PSS24V3A/SI/B	24V 3A PSU SI With B/C Box Med	PSS12V2A/G3/B	12V 2A PSU EN Grade 3 Box Med
PSS12V2A/MI/B	12V 2A PSU Multi Ind Box Med	EN Graded PSU,		PSS12V2A/G2/B	12V 2A PSU EN Grade 2 Box Med
PSS12V2A/MI/B/T2	12V 2A PSU Multi Ind Med With T2 Leads	PSS12V1A/G2/B	12V 1A PSU EN Grade 2 Box Med	PSS24V3A/SI/EN54/C	24V 3A PSU SI EN54 Box Large
PSS12V3A/MI/B	12V 3A PSU Multi Ind Box Med				

SHOCK SENSORS

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MA100T	Single Analyser Single Output + Tamper	SD2/WH	SD-2 Surface Sensor	SD4/WH	SD-4 Surface Sensor
SD/WH	Shock Sensor Module*	SD3/WH	4T Surface Shock Sensor + Tamper	SDTRAPPER/WH	Trapper Shock Sensor White
SD1/WH	Flush Fit Shock Sensor White				

JUNCTION BOXES / EMPTY BOXES / DOOR LOOPS

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JB701/WH	6 Way Junction Box White *	JB737/WH	24 Way Junction Box Wh With Mswitch	DLA706/WH	Door Loop 6 Way 12 White
JB707/WH	6 Way Junction Box WH *	JB757/WH	12Way(+2Tamp)Envir Class3	DLA709/WH	Door Loop 6 Way 10 White
JB720/WH	12 Way Junction Box White *	EB820/WH	Empty Box Square 65 X 65 X 18mm White	DLCFT1	25ft X 6mmID X 8mmOD Galv Steel
JB727/WH	12 Way Junction Box White	EB830/WH	Empty Box 130X103X55mm White	DLT103/WH	Arm.S.Steel Door Loop With White Caps
JB730/WH	24 Way Junction Box White				

ACCESSORIES

FB724	Double Foil Block Long Plate	SI003/IN/WH	Tube Clamp Insert WH	KEYPAM	Key Blank(steel)
FB725/50	Window Foil 9mm x 45M	SI003/WH	Tube Clamp White	KEYPAMIN	PA DP Metal Key
FB726	Foil Block Cap White			MOUKEY/BK	PA Keys P/C Black

CALL FOR ASSISTANCE

PA/CFA/4KIT	Call for assistance Kit	PA/CFA/IND	Call for assistance Remote Indicator	PA/CFA/RES	Call for assistance Reset Unit
PA/CFA/CP	Call for assistance Ceiling Pull	PA/CFA/MON	Call for assistance Network Controller	PA/DTADBB	Double Back Box Deta V1224A
PA/CFA/CT	Call for assistance Controller	PA/CFA/NWI	Call for assistance Network Interface	PA/DTASBB	Single Back Box Deta V2333A

12 VOLTS DC FIRE DETECTORS

FI/CQR323-4-12V	Rate of Rise Heat Detector with base	FI/CQR338-4-12V	Smoke Detector with base	FI/CQR338-4H-12V	Combination Heat & Smoke Detector with base
FI/CQR983/CO/12V	CO Detector with base (Sensitivity to EN50292)				

CQR
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CQR



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www.cqr.co.uk