CQR™

CQR™ \ SAFE AND SECURE

Since 1978, CQR has been manufacturing devices for intruder alarm systems, building on a long-standing reputation for reliability and performance. Our extensive history includes innovations such as the market's first plastic external sounder, the C-Type, and extends today to the latest developments in confirmed panic buttons.

1. INTERNAL SOUNDERS

ALTO

PICCOLO

SOINT

- Grade 1 to 3 : Sounders, Speakers & Strobes
- Low Current Consumption
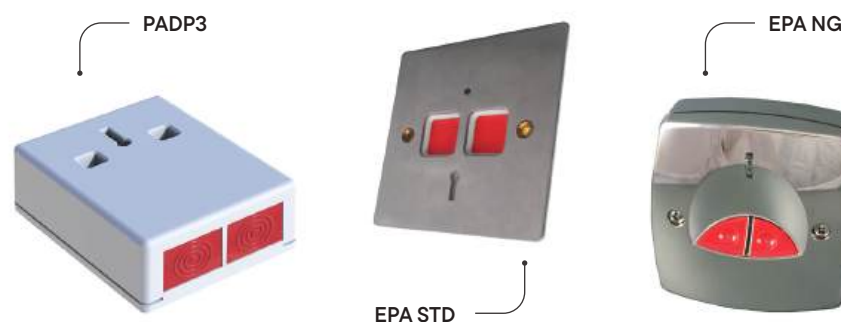- Economy to Professional Solutions

2. EXTERNAL SOUNDERS

INTRA

SENZA

MULTIBOX

- Grade 1 to 3: External Sounders
- Backlit Optionality
- Low Profile Design & Multiple Cover Options

3. PANIC BUTTONS

PADP3

EPA NG

EPA STD
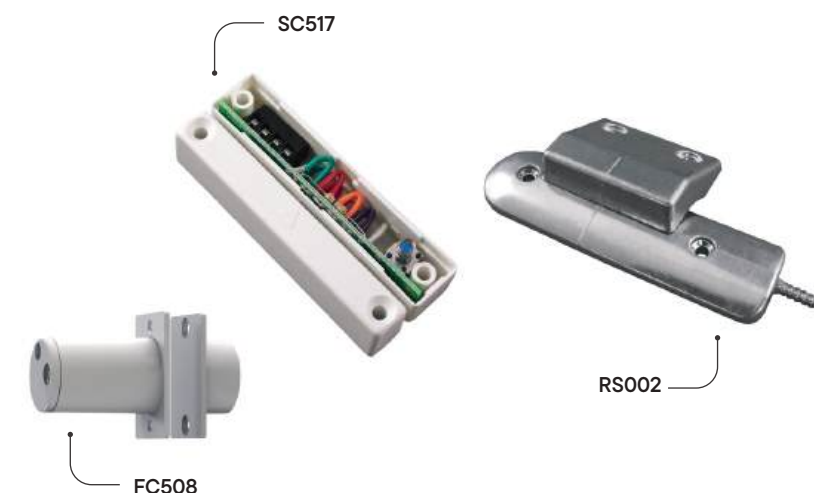
- Grade 1 to 3: Mechanical & Electronic
- Keyless & Keyed Reset Options
- Multiple Finishes & Mounting Types

INTRODUCTION TO INTRUDER

SC517

RS002

FC508

4. MAGNETIC CONTACTS

- Surface / Flush / Heavy Duty & Roller Shutter
- Multi-Resistored / Pre-Resistored / Fit your own
- Grade 1 to Grade 3 options

JB757

JB707

5. JUNCTION BOXES

- 5 – 24 way versions
- Micro-switch & Optional Base Tampers
- Grade 1 to Grade 3 Options
- Available white & brown

PRODUCT WARRANTY

WARRANTY 2 YEARS

Comprehensive 2 year warranty for the full product, including battery on all CQR Intruder Products.

PRODUCT TECHNOLOGY

CQR

Product Assured Quality

For over 47 years, CQR has been providing dependable Intruder Products to ensure you can fit and forget.

Intruder products must have a security grading and environmental classification.

WHAT IS SECURITY GRADING?: EN50131-1

Intruder alarms will be assigned a security grade that reflects the system's overall performance. There are four possible grades, with Grade 1 representing the lowest level of security and Grade 4 the highest. The overall grade of the alarm system will be determined by the component with the lowest individual grade. This grade of the property is determined by the risk assessment.

EN50131-1 GRADE 1

GRADE 1: LOW RISK
The intruder is assumed to possess only basic knowledge of alarm systems and have access to a limited selection of commonly available tools.

EN50131-1 GRADE 2

GRADE 2: LOW – MEDIUM RISK
The intruder is expected to have limited knowledge of intruder alarms and use a general range of tools and portable instruments (e.g., multi-meter).

EN50131-1 GRADE 3

GRADE 3: MEDIUM TO HIGH RISK
The intruder is assumed to be knowledgeable about alarm systems and equipped with a wide array of tools and portable electronic devices.

EN50131-1 GRADE 4

GRADE 4: HIGH RISK
To be used when security takes precedence over all other factors. An intruder is expected to have the ability or resources to plan an intrusion or robbery in detail and possess a full range of equipment, including means for substituting components.

WHAT ARE ENVIRONMENTAL CLASSES?

Components are environmental classed to meet 1 of 4 classes, 4 being the highest and is suitable for outdoor use, whilst 1 is the lowest and is only suitable for indoor general use, where the temperature is well maintained e.g. residential properties.

ENVIRONMENTAL CLASS I
Environmental influences normally experienced indoors and when the temperature is well maintained e.g.: residential or commercial property.

ENVIRONMENTAL CLASS II
Indoor general – environmental influences normally experienced where the temperature is not well maintained, e.g., in corridors, halls, or staircases where condensation can occur on windows, and in unheated storage areas or warehouses where heating is intermittent. All CQR products are a minimum of Environmental Class II.

ENVIRONMENTAL CLASS III
Outdoor sheltered or indoor extreme conditions. Environmental influences normally experienced outdoors when intruder components are not fully exposed to the weather, or indoors where environmental conditions are extreme. For example, CQR Roller Shutter contacts are Environmental Class III.

ENVIRONMENTAL CLASS IV
Outdoor general influences normally experienced outdoors when intruder components are fully exposed to the weather, i.e., External Sounders.

Intruder

TECHNICAL STANDARDS & ABBREVIATIONS

STANDARDS	TECHNICAL STANDARDS
BS8243	Design, installation and configuration of intruder and hold-up alarm systems designed to generate confirmed alarm conditions – code of practice
EN50131 – 1	Alarm systems – Intruder and hold-up system – System requirements
EN50131 – 2-6	Alarm systems – Intruder and hold-up system – Open contacts (Magnetic)
EN50131 – 4	Alarm systems – Intruder and hold-up system – Warning Devices
EN50130 – 5	Alarm systems – Environmental test methods
PD6662	UK Scheme for the application of European and British Standard for intrusion and hold-up alarm systems

ACRONYM	TECHNICAL ABBREVIATIONS
A	Amperes
ABS	Acrylonitrile Butadiene Styrene; plastic material used for enclosures
ASA	Acrylonitrile Styrene Acrylate; plastic material used for enclosures
BNP	Bright Nickel Plated; a thin covering over another metal, typically brass to give a better finish
Brass	A metal alloy consisting of Copper and Zinc
COM	Common connection to N/C and N/O
dB(A)	Human hearing sound scale
DP	Double Pole; typically the alarm circuit and tamper circuit, it can also be 2 independent alarm circuits
EoL	End of Line; the control panel uses at least 2 resistors to monitor the circuit condition

ACRONYM	TECHNICAL ABBREVIATIONS
FSL	Full Secure Loop; same as EoL
HIPs	High Impact Polystyrene; plastic material used for enclosures
HMO	House of multiple occupancy
LI-ION	Lithium Ion rechargeable battery
mA	Milliamperes
MID	Magnetic Interference Detection; a requirement for grade 3 magnetic contacts used to detect the introduction of another magnet in order to defeat the contact
N/C	Normally circuit; can be a pair or a connection to the COM
N/O	Normally Open circuit; can be a pair or a connection to the COM
Ni-Mh	Nickel Metal hydride rechargeable battery
Potted	The wiring/circuitry is encapsulated in a hard material to prevent unauthorised access
RFMS	Removal From Mounting Surface
SAB	Self-Activating Bell; While in this mode, the device uses the available current from the control panel to activate the sound and/or strobe
SCB	Self-Contained Bell; While in this mode, the device uses the available current from its rechargeable battery to activate the sound and/or strobe
Sealed	The wiring/circuitry is encased within the device to prevent unauthorised access
SP	Single Pole; normally, the alarm circuit only
SPDT	Single Pole Double Throw
V	Volts
VDC	Volt direct current
WAY	1 single joint in a junction box used to terminate 2 or more wires

Internal Sounders

WHAT ARE INTERNAL SOUNDERS & SPEAKERS?

Internal sounders and speakers are devices used to provide local audible and/or visual alerts for system activation on intruder alarm systems within the building premises.

1. SOUNDER TYPE: SPEAKER OR PIEZO

SPEAKERS: Allow for entry/exit tones and alarm sounds, typically installed at building entrances and exits.

PIEZO SOUNDERS: Provide an audible alert when activated, fitted throughout protected areas to provide an alert of system activation.

2. VISUAL INDICATORS

CQR provide visual indication for a number of uses:

INDICATOR: The indicator shows a number of conditions of the device or system, including whether the device is in tamper, hold-off, or has a battery issue.

VISUAL ALERT: Internal sounders and speakers fitted with visual alerts provide a visible indication of activation, e.g., strobe or flashing LEDs.

3. SOUND LEVELS

SOUNDER OUTPUT LEVELS:
Internal sounders are available in alternating or a single tone with option for high or low sound output. Speaker sound levels are generate by the control panel.

4. BATTERY BACK UP

BATTERY BACK-UP:
The Intra internal/external sounder has a built-in battery back-up, allowing it to function without primary power — ideal for apartments and houses of multiple occupancy.

5. TAMPER PROTECTION

COVER TAMPER:
The cover tamper detects unauthorised access via the product cover and can alert the control panel.

BACK TAMPER:
The back tamper detects removal from the mounting surface and can alert the control panel.

TYPE	ECO SOUNDERS		ALTO			SOINT			PICCOLO		INTRA	
ITEM	SOSB1L	SOSB2L	SO/ALTO/WH/G	SO/ALTO/WH/G/S5	SOSP/ALTO/WH/G	SOINT1/16/WH	SOINT2/WH	SOINT2/WH/HI-LO	SO/PICCOLO/WB/G3	SO/PICCOLO/WR/G3	BCINTRA/W/B	BCINTRA/W/R
PRICE	££		££			££	£££		££		£££	
SECURITY GRADE	1		3			3			3		2	
ENVIRONMENTAL CLASS	II		II			II			II		IV	
SOUNDER TYPE	2 x Piezo	4 x Piezo	Quasi Dynamic Speaker	Quasi Dynamic Piezo	Quasi Dynamic Piezo & Speaker	Mylar Cone Speaker	Electronic/ Mylar Cone Speaker		1 x Quasi Dynamic Piezo		1 x Piezo	
SOUND LEVELS	109dB(A)	111dB(A)	N/A	110dB(A)		N/A	110dB(A)	90 & 110dB(A)	112dB(A)		115dB(A)	
VOLTAGE RANGE	6-15Vdc		9-15Vdc			N/A	10-15Vdc		9-15Vdc		10.5-15Vdc	
CURRENT	85mA	190mA	107mA			N/A	300mA		110mA		320mA	
VISUAL INDICATOR	No	No	No	No		No	Yes		Yes		Yes	
TAMPER PROTECTION	None		Lid & RFMS			Lid & RFMS			Lid & RFMS		Lid & RFMS	
BATTERY BACK UP	No		No			No			No		Yes	
SELECTABLE TONE	No	N/A	Yes			N/A	Yes		Yes		No	
SELECTABLE SOUNDER OUTPUT	No	N/A	No			No	Yes		No		No	
COLOUR	White		White			White			White/Blue	White/Red	White/Blue	White/Clear
IDEAL FOR	Discreet Locations		Domestic, Commercial			Retail, Supermarkets			Warehouses & Retail Stores		HMO's/Apartments	

**ECONOMY SOUNDER:
109dB(A) VERSION
SOSB1L**

55mm | 115mm | 33mm

**ECONOMY SOUNDER:
110dB(A) VERSION
SOSB2L**

106mm | 106mm | 34mm
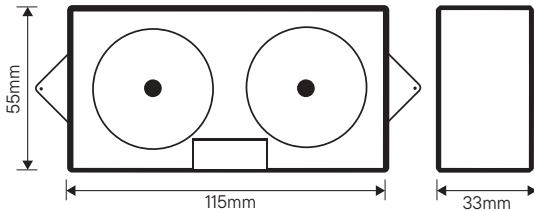
PRODUCT DESCRIPTION

- Grade 1 Economy Sounders
- SOSB Basic Sounders available as 109dB(A) (SOSB1) & 110dB(A) (SOSB2)
- Low current consumption
- Economy range of basic sounders for simple applications
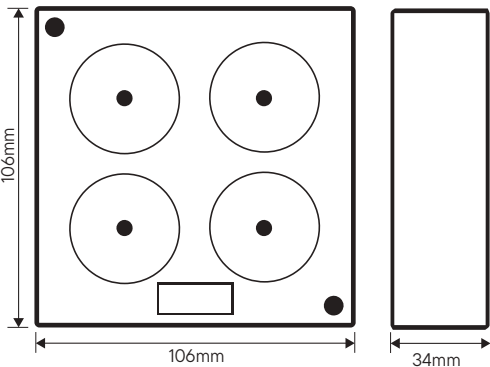
PRODUCT SPECIFICATION

SECURITY GRADE	1
ENVIRONMENTAL CLASS	II
SOUNDER TYPE	Piezo
SOUND OUTPUT	109dB(A) (SOSB1) 110dB(A) (SOSB2)
VOLTAGE RANGE	6 to 15Vdc
NOMINAL VOLTAGE	12Vdc
SOUND ONLY CURRENT	85mA (SOSB1) 190mA (SOSB2)
DIMENSIONS	115 x 55 x 33mm (SOSB1) 106 x 106 x 34mm (SOSB2)
COLOUR	White
MATERIAL	ABS Plastic
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	None
STANDARDS	EN50131-1, EN50131-4, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
SOSB1L	CQR Internal Entry Level Sounder Grade 1 109dB(A) White
SOSB2L	CQR Internal Entry Level Sounder Grade 1 110dB(A) White

115mm

115mm

32mm
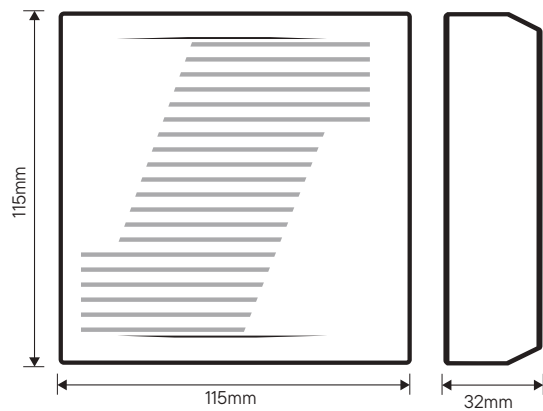
PRODUCT DESCRIPTION

- Grade 3 Low Profile Sounder / Speaker & Combined Unit
- Available as a dedicated sounder, speaker or Selectable Sounder/Speaker (SOSP only)
- Alto Sounder 110dB(A) Sound Output
- Selectable alternating or continuous tone
- Low current consumption
- Tamper protected lid and RFMS
- Extension speaker ideal for giving an audible signal on the alarm system status; Setting, Unsetting, Alarm activated
- Quasi dynamic Piezo speaker: does not require any 12Vdc power source
- High impedance allowing multiple speakers to be used
- Available with SYSTEM 5 third party approval*

PRODUCT SPECIFICATION

SECURITY GRADE	3
ENVIRONMENTAL CLASS	II
SOUNDER TYPE	Quasi Dynamic Piezo
SOUND OUTPUT	110dB(A)
VOLTAGE RANGE	9 to 15Vdc
NOMINAL VOLTAGE	12Vdc
SOUND ONLY CURRENT	107mA
DIMENSIONS	115 x 115 x 32mm
COLOUR	White
MATERIAL	ABS Plastic
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Lid and RFMS
STANDARDS	EN50131-1, EN50131-4, EN50130-5
WARRANTY	2 Years

SOSP UNIT SWITCH

LOW PROFILE
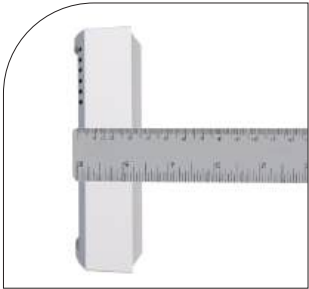
Sounder Speaker

PRODUCT CODE	PRODUCT DESCRIPTION
SO/ALTO/WH/G	CQR Internal Alto Sounder Grade 3 110dB(A) White
SO/ALTO/WH/G/S5*	CQR Internal Alto Sounder System 5 Approved Grade 3 110dB(A) White
SOSP/ALTO/WH/G	CQR Internal Alto Sounder & Speaker Grade 3 110dB(A) White

155mm

100mm

48mm
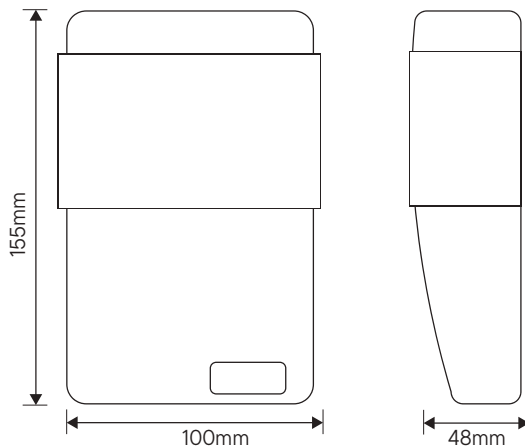
PRODUCT DESCRIPTION

- Grade 3 Premium Sounder or Speaker Unit
- Soint 1 16 ohm speaker with robust Mylar cone speaker ideal for harsher environments, available screen printed with installer brand
- Soint 2 sounder with LED status notification built in 110dB(A)
- Soint 2 Hi-Lo sounder with selectable 110dB(A) alarm & 90dB(A) low mode for providing entry and exit tones
- Premium sounder or speaker units for commercial and domestic

PRODUCT SPECIFICATION

SECURITY GRADE	2
ENVIRONMENTAL CLASS	II
SOUNDER TYPE	Mylar Cone Speaker
SOUND OUTPUT	90 to 110dB(A) (SOINT 2 ONLY)
VOLTAGE RANGE	10 to 15Vdc (SOINT 2 ONLY)
NOMINAL VOLTAGE	12Vdc (SOINT 2 ONLY)
SOUND ONLY CURRENT	300mA (SOINT 2 ONLY)
DIMENSIONS	155 x 100 x 48mm
COLOUR	White
MATERIAL	ABS Plastic
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Lid and RFMS
STANDARDS	EN50131-1, EN50131-4, EN50130-5
WARRANTY	2 Years

SOUNDER LEVEL OUTPUTS
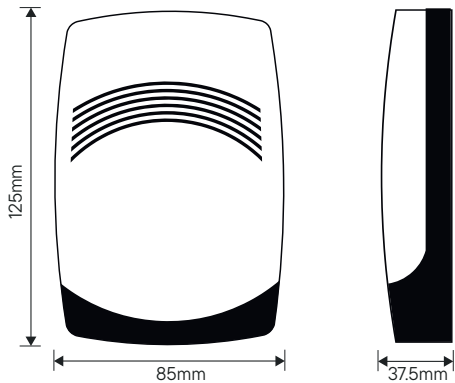
LED STATUS INDICATOR

PRODUCT CODE	PRODUCT DESCRIPTION
SOINT1/16/WH	CQR Internal Soint 1 Speaker Grade 3 16 Ohm White
SOINT2/WH	CQR Internal Soint 2 Sounder Grade 3 110dB(A) White
SOINT2/WH/HI-LO	CQR Internal Soint 2 Sounder Grade 3 Hi 110dB(A) / Lo 90dB(A) White

Scan the QR code to see the product spacing data

125mm

85mm   37.5mm

PRODUCT DESCRIPTION

- Grade 3 Low profile internal strobe and sounder
- 112dB(A) Sound Output
- Available in White/Blue and White/Red colours
- Selectable alternating or continuous tone
- Flashing alarm and/or low level constant light
- Tamper protected lid and RFMS
- Available with SYSTEM 5 third party approval*

PICCOLO RED:
SO/PICCOLO/WR/G3

PRODUCT SPECIFICATION

SECURITY GRADE	3
ENVIRONMENTAL CLASS	II
SOUNDER TYPE	Quasi Dynamic Piezo
SOUND OUTPUT	112dB(A)
VOLTAGE RANGE	9–15Vdc
NOMINAL VOLTAGE	12Vdc
FLASH ONLY CURRENT	17mA
SOUND ONLY CURRENT	84mA
SOUND & FLASH CURRENT	110mA
DIMENSIONS	125 x 85 x 37.5mm
COLOUR	White
MATERIAL	Polycarbonate
LENS COLOUR	Blue or Red
LENS MATERIAL	Polycarbonate
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Lid & RFMS
STANDARDS	EN50131-1, EN50131-4, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
SO/PICCOLO/WB/G3	CQR Internal Piccolo Strobe Sounder, Grade 3, 112dB(A), White/Blue
SO/PICCOLO/WB/G3/S5*	CQR Internal Piccolo Strobe Sounder, System 5, Grade 3, 112dB(A), White/Blue
SO/PICCOLO/WR/G3	CQR Internal Piccolo Strobe Sounder, Grade 3, 112dB(A), White/Red

Scan the QR code to see the product spacing data

176mm

112mm   54mm
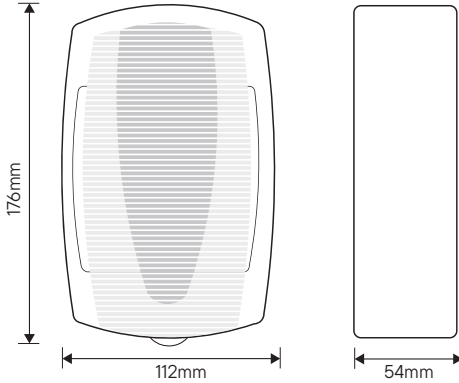
PRODUCT DESCRIPTION

- Grade 2 Low profile external sounder and strobe
- Ideal for apartment blocks and HMO units
- Suitable for use both internally and externally
- Available in White/Blue and White/Clear colours
- 6V rechargeable battery fitted & SAB operation with a 15 minute fail safe timer
- 115 dB(A) sounder output
- Tamper protected by means of lid removal and removal from mounting surface

INTRA WHITE
WITH CLEAR LENS:
BCINTRA/W/C

PRODUCT SPECIFICATION

SECURITY GRADE	3
ENVIRONMENTAL CLASS	IV
SOUNDER TYPE	Piezo
SOUND OUTPUT	115dB(A)
NUMBER OF SOUNDERS	1
VOLTAGE RANGE	10.5–15Vdc
NOMINAL VOLTAGE	12Vdc
FLASH ONLY CURRENT	120mA
SOUND ONLY CURRENT	200mA
SOUND & FLASH CURRENT	320mA
QUIESCENT CURRENT	30mA
VISUAL INDICATION	Xeon Flash
SIREN TIMER	15 minutes
SAB/SCB	SAB
TRIGGER WIRE MONITORING	No
BATTERY	6V 280mAh Ni-Mh
COMFORT LEDS	Red Hold Off LED
BACKLIT	No
ENGINEER HOLD OFF	No
DIMENSIONS	176 x 112 x 54mm
COLOUR	White
MATERIAL	Polycarbonate
LENS COLOUR	Blue or Clear
LENS MATERIAL	Polycarbonate
IP RATING	32
TEMPERATURE RANGE	–25°C to +60°C
TAMPER PROTECTION	Lid & RFMS
STANDARDS	EN50131-1, EN50131-4, EN50130-5
WARRANTY	2 Years

| PRODUCT CODE	PRODUCT DESCRIPTION
BCINTRA/W/B	CQR External Sounder Intra, Grade 2, White with Blue Lens, 115dB(A)
BCINTRA/W/C	CQR External Sounder Intra, Grade 2, White with Clear Lens, 115dB(A)

External Sounders

WHAT ARE EXTERNAL SOUNDERS?

External sounders are devices used to provide local audible and/or visual alerts for system activation on intruder alarm systems around the building perimeter.
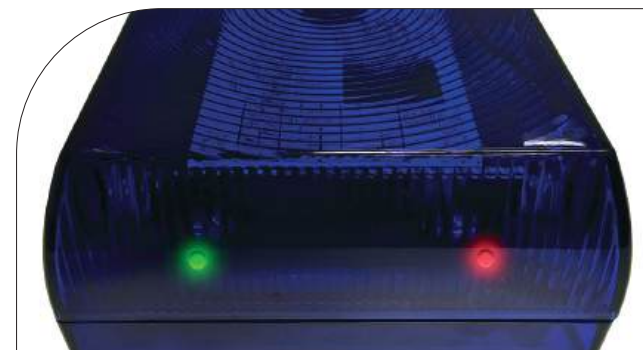
1. PIEZO SOUNDERS: SINGLE OR TWIN PIEZO
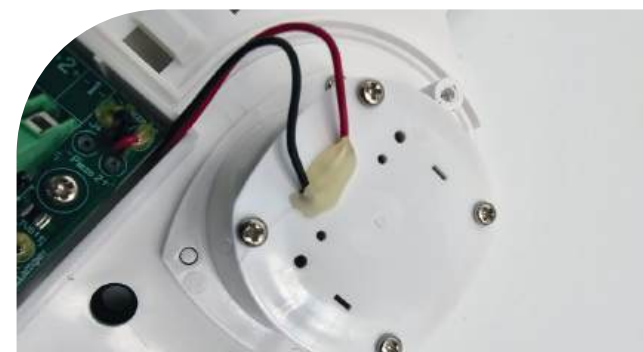
SINGLE PIEZO: The most common external sounder variants feature a single Piezo solution, ideal for limiting installation costs.
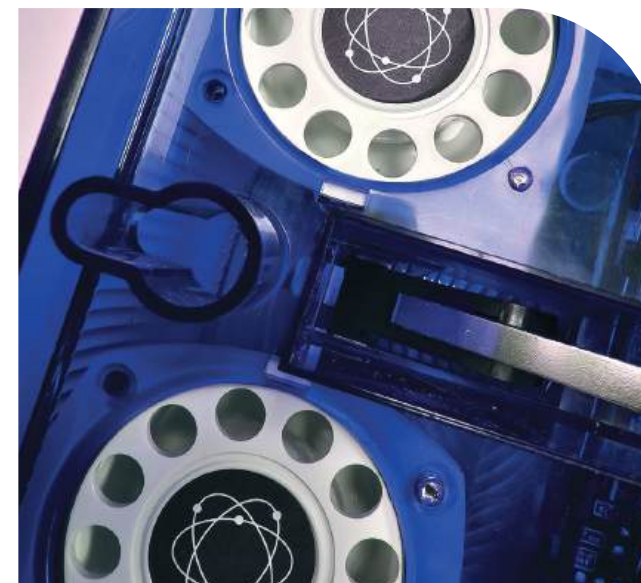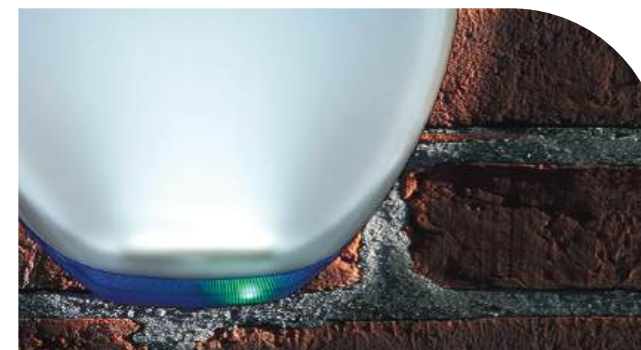
DOUBLE PIEZO: Provides a higher level of sound output and built-in obsolescence, typically found on higher security grade 3 external sounders.

2. VISUAL INDICATORS

COMFORT LEDs: These are visual indicators that the sounder is installed and working as a deterrent to an intruder.

BACKLIT: Backlit functionality illuminates the external warning device to make it more visible as a deterrent during darkness.

3. ADVANCED ELECTRONICS

SMART CHARGING:
Monitors battery charge levels to reduce current consumption and ensure optimal battery conditions.

TRIGGER WIRE MONITORING:
This is a Grade 3 requirement to detect cutting or faults on the wire used to activate the sounder.

SAB / SCB:
CQR external sounders are provided as standard in SAB (Self-Activated Bell) mode. However, where two or more sounders are required, SCB (Self-Contained Bell) mode should be used to reduce the current drawn from the control panel. In SAB mode, the control panel supplies all the power to activate the sounder. In SCB mode, most of the power is supplied by the backup battery fitted inside the sounder.

4. BATTERY BACK UP

ENGINEER HOLD-OFF: During initial setup, it allows the installer to connect the backup battery without activating the sounder.

5. MULTIPLE COVER OPTIONS & SCREEN PRINTING

MULTIPLE COVER OPTIONS: The CQR Multibox is available with eight different cover options to suit a variety of site requirements.
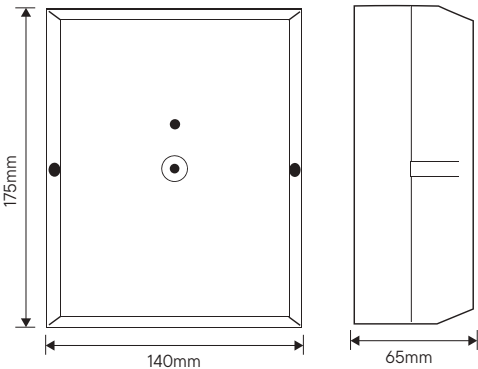
6. HINGED COVER DESIGN

The CQR Senza has a hinged lockable cover for easier engineer maintenance while working at height.

TYPE	INTRA		MULTIBOX			SENZA		
ITEM	BCINTRA/W/B	BCINTRA/W/C	BCMB/BL/STD	BCMB/BL/PLUS	BCMB/BL/DUMMY	BCSENZ/S/PLUS/W	BCSENZ/S/PLUS/L/W	BCSENZ/S/DUM/W
PRICE	££	££	£££	££	££	£££	££	
SECURITY GRADE	G2	G2	G2/G3	N/A	G2/G3	G2/G3	N/A	
ENVIRONMENTAL CLASS	IV	IV		N/A	IV	IV	N/A	
NUMBER OF PIEZOS	1	1	2	N/A	1		N/A	
VOLTAGE RANGE	10.5-15Vdc	11-15Vdc		N/A	10.5-15Vdc		N/A	
TOTAL CURRENT	320mA	360mA		N/A	300mA		N/A	
BACK LIT	No	No		N/A	No	Yes	N/A	
SELECTABLE SOUNDER LEVELS	115dB(A)	85 & 110dB(A)		N/A	85 & 110dB(A		N/A	
TRIGGER WIRE MONITORING	No	Yes		N/A	Yes	Yes	N/A	
HINGED COVER	No	No			Yes			
SAB / SCB	SAB	Both		N/A	Both		N/A	
MULTIPLE COVER OPTIONS	No	Yes			No			
COVER COLOUR	Blue	Clear	White			White with lens colour options Blue or Red		
IDEAL FOR	HMO's / Apartments		Domestic, Commercial & Industrial Sites			Domestic, Commercial & Industrial sites		

Scan the QR code to see the product spacing data

Available in Blue & Red

175mm
140mm
65mm

PRODUCT DESCRIPTION

- Grade 2 or 3 External Sounder with Strobe
- One backplate design for use with 8 Multibox design covers dependent on application style
- Available as a single Piezo (Standard), double Piezo (Plus), and dummy (no electronics) versions
- Red and Blue backplates available
- Selectable sounder outputs of 85 or 115dB(A)
- Installer selectable timer options
- Negative or Positive trigger options
- Selectable trigger wire monitoring, this is a grade 3 requirement

PRODUCT CODE	PRODUCT DESCRIPTION
BCMB/BL/STD	CQR External Sounder Multibox Grade 2 Blue
BCMB/BL/PLUS	CQR External Sounder Multibox Grade 3 Twin Piezo Blue
BCMB/BL/DUMMY	CQR External Sounder Multibox Dummy Blue
BCMB/RD/STD	CQR External Sounder Multibox Grade 2 Red
BCMB/RD/PLUS	CQR External Sounder Multibox Grade 3 Twin Piezo Red
BCMB/RD/DUMMY	CQR External Sounder Multibox Dummy Red

PRODUCT SPECIFICATION

SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	IV
SOUNDER TYPE	Piezo
SOUND OUTPUT	85 or 115dB(A)
NUMBER OF SOUNDERS	1 (STD), or 2 (PLUS)
VOLTAGE RANGE	11-15Vdc
NOMINAL VOLTAGE	13.6Vdc
FLASH ONLY CURRENT	190mA
SOUND ONLY CURRENT	250mA
SOUND & FLASH CURRENT	360mA
QUIESCENT CURRENT	40mA
VISUAL INDICATION	Xeon Flash
SIREN TIMER	3 / 15 / Intermittent minutes
SAB/SCB	Both (selectable)
TRIGGER WIRE MONITORING	Optional (G3 requirement)
BATTERY	7.2V 330mAh Ni-Mh
COMFORT LEDS	Tamper / Hold Off / Battery
BACKLIT	No
ENGINEER HOLD OFF	Yes
SELF TEST INPUT	Plus only
FAULT OUTPUT	Plus only
FEATURE SELECTED BY	Jumpers
DIMENSIONS	175 x 140 x 65mm
COLOUR	Blue / Red
MATERIAL	Polycarbonate
LENS COLOUR	N/A
LENS MATERIAL	N/A
IP RATING	44
TEMPERATURE RANGE	-25°C to +60°C
TAMPER PROTECTION	Lid & RFMS
STANDARDS	EN50131-1, EN50131-4, EN50130-5
WARRANTY	2 Years

MULTIBOX COVER OPTIONS

ARIES
BCMB/ARIES/WH

CORONA
BCMB/CORONA/WH

LEO
BCMB/LEO/WH

LIBRA
BCMB/LIBRA/WH

SCORPIO
BCMB/SCORPIO/WH

TAURUS
BCMB/TAURUS/WH

ULTRA
BCMB/ULTRA/WH

VIRGO
BCMB/VIRGO/WH

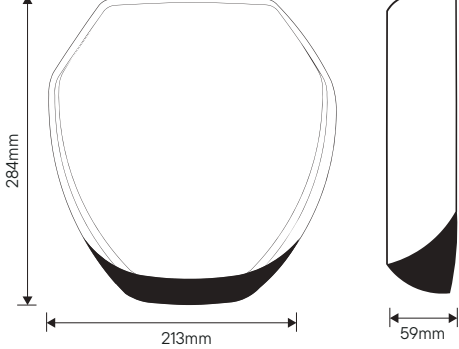| ACCESSORY CODE	PRODUCT DESCRIPTION
BCMB/ARIES/WH	CQR External Sounder Multibox Aries Cover White
BCMB/CORONA/WH	CQR External Sounder Multibox Corona Cover White
BCMB/LEO/WH	CQR External Sounder Multibox Leo Cover White
BCMB/LIBRA/WH	CQR External Sounder Multibox Libra Cover White
BCMB/SCORPIO/WH	CQR External Sounder Multibox Scorpio Cover White
BCMB/TAURUS/WH	CQR External Sounder Multibox Taurus Cover White
BCMB/ULTRA/WH	CQR External Sounder Multibox Ultra Cover White
BCMB/VIRGO/WH	CQR External Sounder Multibox Virgo Cover White

EXTERNAL SOUNDER – Senza

284mm
213mm
59mm

PRODUCT DESCRIPTION

- Grade 3/2 external sounder and strobe with backlit optionality
- Adjustable siren volume: 85 & 105dB(A)
- Engineer hold-off
- Trigger monitoring capability
- Backlit option – 'Dusk to dawn' or 'On' modes
- SAB / SCB optionality
- Confirmed alarm input
- Self test input & fault relay outputs
- Trigger polarity -/+
- Tamper polarity -/+
- Adjustable siren timer: 3 or 15 minutes or intermittent
- Available with blue or red lenses
- Backlit option must include backlit cover and backlit backplate (BCSENZ/S/COV/W/B/L & BCSENZ/S/PLUS/L/W)
- Live and dummy backplates sold separately to covers

PRODUCT CODE	PRODUCT DESCRIPTION
BCSENZ/S/PLUS/W	CQR External Sounder Senza Backplate White G2/G3
BCSENZ/S/PLUS/L/W	CQR External Sounder Senza Backlit Backplate White G2/G3
BCSENZ/S/DUM/W	CQR External Sounder Senza Dummy Backplate
BCSENZ/S/COV/W/B	CQR External Sounder Senza S Cover White with Blue Lens
BCSENZ/S/COV/W/R	CQR External Sounder Senza S Cover White with Red Lens
BCSENZ/S/COV/W/B/L	CQR External Sounder Senza S Backlit Cover White with Blue Lens

PRODUCT SPECIFICATION

SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	IV
SOUNDER TYPE	Piezo
SOUND OUTPUT	85 or 105dB(A)
NUMBER OF SOUNDERS	1
VOLTAGE RANGE	10.5-15Vdc
NOMINAL VOLTAGE	12Vdc
FLASH ONLY CURRENT	55mA
SOUND ONLY CURRENT	175mA
SOUND & FLASH CURRENT	300mA
QUIESCENT CURRENT	35mA
VISUAL INDICATION	LED (1Hz Flash)
SIREN TIMER	3 / 15 / Intermittent minutes
SAB/SCB	Both (selectable)
TRIGGER WIRE MONITORING	Optional (G3 requirement)
BATTERY	3.7V 2000mAh LI-ION
COMFORT LEDS	Tamper / Hold Off / Battery
BACKLIT	Available (BCSENZ/S/COV/W/B/L & BCSENZ/S/PLUS/L/W)
ENGINEER HOLD OFF	Yes
SELF TEST INPUT	Plus only
FAULT OUTPUT	Plus only
FEATURE SELECTED BY	DIP switch
DIMENSIONS	284 x 213 x 59mm
COVER COLOUR	White
MATERIAL	Polycarbonate
LENS COLOUR	Blue / Red
LENS MATERIAL	Polycarbonate
IP RATING	44
TEMPERATURE RANGE	-25°C to +60°C
TAMPER PROTECTION	Lid & RFMS
STANDARDS	EN50131-1, EN50131-4, EN50130-5
WARRANTY	2 Years

\ Panic Buttons \

WHAT ARE PANIC BUTTONS?

Panic buttons are used in emergencies, providing instant alerts to alarm systems or monitoring stations. Ideal for domestic and commercial premises such as shops, offices, schools, healthcare settings, and high-risk environments, they help ensure a quick response when safety is at stake.
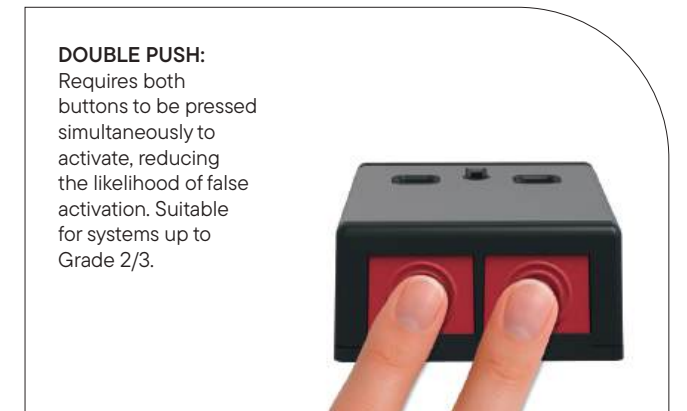
1. MECHANICAL OR ELECTRONIC

MECHANICAL: One or two button operation. When activated, it displaces the magnet from the reed switch or activates the micro-switch. Mechanical panic buttons are reset by key repositioning.

ELECTRONIC: Requires a 12Vdc power supply. They can be one or two buttons, with key or keyless electronic reset versions available. Electronic panic buttons are available in multiple finishes and for both surface and flush mount installations to meet your aesthetic requirements.

2. SINGLE OR DOUBLE PUSH

SINGLE PUSH: Operated by a single button, ideal for low-cost domestic systems up to security grade 1 protection.

DOUBLE PUSH: Requires both buttons to be pressed simultaneously to activate, reducing the likelihood of false activation. Suitable for systems up to Grade 2/3.

3. CONFIRMED PANIC BUTTONS

Provides two independent outputs, which is a requirement of BS8243, suitable for police response. The first simultaneous press of both buttons activates the first output, sending an unconfirmed signal to indicate a possible threat.

The second press of both buttons sends a confirmed signal to the control panel, indicating a confirmed status of activation. This activation is represented to the user by a colour-changing LED: green (non-activated), amber (unconfirmed activation), and red (confirmed activation). Confirmed panic buttons are ideal for use in commercial and industrial applications where police response is required, and to reduce the risk of false alarm activations and unnecessary police attendance.

LED: RED (CONFIRMED ACTIVATION)

LED: AMBER (UNCONFIRMED ACTIVATION)

LED: GREEN (NON-ACTIVATED)
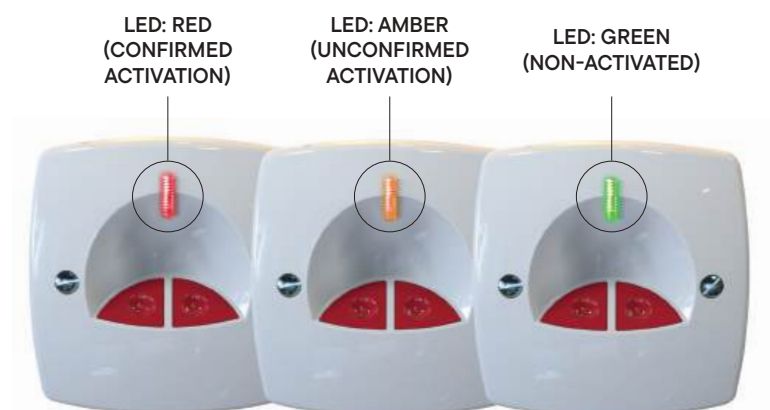
4. RESET METHOD

CQR provides options for both traditional key reset and keyless electronic buttons, ensuring an easy reset method to suit any site preference.

5. FITTING & FINISHES

SURFACE & FLUSH MOUNTING OPTIONS:
CQR mechanical panic buttons are surface mount only. All EPA and EPA-NG models come complete with a mounting box and can also be flush mounted using a standard single back box.
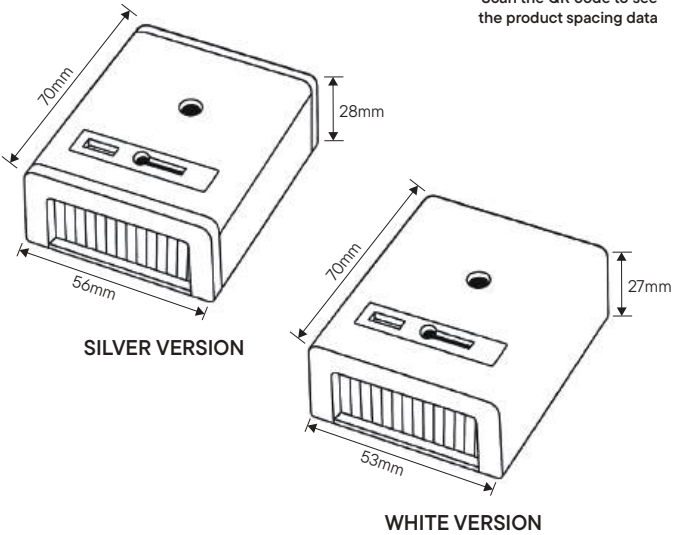
FINISHES: Available in white, stainless steel, and brass.

TYPE	PASP1		PADP2		PADP3				EPA - STD		EPA - NG	
ITEM	PASP1	PASP1/SS	PADP2/WH/G1	PADP2/SS/G1	PADP3/WH	PADP3/SS/WH	PADP3/SS/BK	PADP3/BS/BK	EPA/STD	EPA/STD/SS	EPA-NG/STD	EPA-NG/PLUS
PRICE	£		££		££				££		££	£££
SECURITY GRADE	G1		G1		G3				G3		G3	
ENVIRONMENTAL CLASS	II		II		II				II		II	
ACTIVATION METHOD	Single		Double		Double				Double		Double / Single / Timed	
RESET METHOD	Key		Key		Key				Key		Button No Key	
VOLTAGE RANGE	N/A		N/A		N/A				10-15Vdc		10-15Vdc	
QUIESCENT CURRENT	N/A		N/A		N/A				45mA		30mA	
MOUNTING	Surface		Surface		Surface				Surface of Flush		Surface of Flush	
FINISH	White Plastic	Stainless Steel	White Plastic	Stainless Steel	White Plastic	White Stainless Steel	Black Stainless Steel	Black Brass effect	White Plastic	Stainless Steel	White Plastic/ Stainless Steel	
POWER	Mechanical		Mechanical		Mechanical				Mechanical		Electronic	
TAMPER	None		None		Cover & RFMS				Cover		Cover & RFMS	
BUILT IN RESISTORS	No		No		A,B,D,E & I				No		A,B,D & E	
CONFORMATION OUTPUT	No		No		No				No		No	Yes
IDEAL FOR	Simple Domestic Installs		Domestic Installs		Large Domestic and Commercial Installs				High End Domestics & Commercial with requirement for Flush Mounting		Reduced False Alarm Prevention	Confirmed Police Response

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Scan the QR code to see the product spacing data

70mm
28mm
56mm
SILVER VERSION

70mm
27mm
53mm
WHITE VERSION

PRODUCT DESCRIPTION

- Single Push PASP range of Panic Buttons
- EN50131-1 : Grade 1
- Available in white or stainless steel
- Selectable for normally open / normally closed
- Indicator to show activation
- 5 terminals
- Key resettable
- Latching
- Spare keys available

ALL PASP RANGE COME WITH KEYS

PRODUCT SPECIFICATION

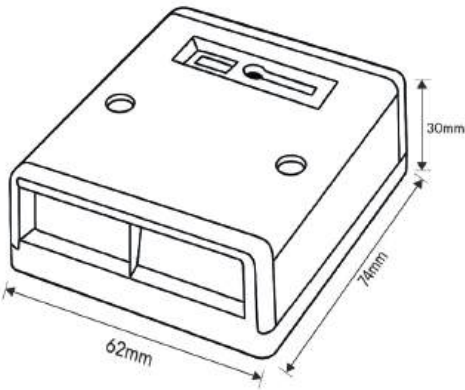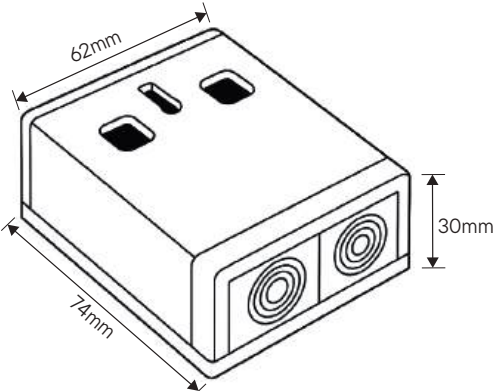|	
SECURITY GRADE	1
ENVIRONMENTAL CLASS	II
OPERATION MODE	Single Push
RESET METHOD	Key
MOUNTING METHOD	Surface
SWITCH METHOD	Reed switch
SWITCH TYPE	N/C or N/O
SWITCH RATING	12Vdc 500mA
CONNECTION TYPE	5 x Screw
VISUAL INDICATION	Yes
DIMENSIONS	70 x 53 x 27mm (White) 70 x 56 x 28mm (Stainless Steel)
COLOUR	White or Stainless Steel
MATERIAL	HIPs or Stainless Steel
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	None
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
PASP1	CQR Single Push Panic Button Grade 1 White Resettable
PASP1/SS	CQR Single Push Panic Button Grade 1 Stainless Steel Resettable
MOUKEY/BK	CQR Panic Button Spare Key for SP1/DP2/DP3/EPA Plastic

PRODUCT DESCRIPTION

- Double Push PADP2 range of Panic Buttons
- EN50131-1 : Grade 1
- Available in white or stainless steel
- Selectable for normally open / normally closed
- Indicator to show activation
- 5 terminals
- Key resettable
- Latching
- Spare keys available

**ALL PADP2 RANGE
COME WITH KEYS**

PRODUCT SPECIFICATION

SECURITY GRADE	1
ENVIRONMENTAL CLASS	II
OPERATION MODE	Double Push
RESET METHOD	Key
MOUNTING METHOD	Surface
SWITCH METHOD	Reed switch
SWITCH TYPE	N/C or N/O
SWITCH RATING	12Vdc 500mA
CONNECTION TYPE	5 x Screw
VISUAL INDICATION	Yes
DIMENSIONS	74 x 62 x 30mm
COLOUR	White or Stainless Steel
MATERIAL	HIPs or Stainless Steel
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	None
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
PADP2/WH/G1	CQR Double Push Panic Button Grade 1 White Resettable
PADP2/SS/G1	CQR Double Push Panic Button Grade 1 Stainless Steel Resettable
MOUKEY/BK	CQR Panic Button Spare Key for SP1/DP2/DP3/EPA Plastic

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PRODUCT SPECIFICATION

SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	II
OPERATION MODE	Double Push
RESET METHOD	Key / Non-latching
MOUNTING METHOD	Surface
SWITCH METHOD	Micro-switch
SWITCH TYPE	N/C, N/O, EoL
BUILT-IN RESISTOR TYPES	A, B, D, E, I
SWITCH RATING	12Vdc 3A
CONNECTION TYPE	4 x Terminal
VISUAL INDICATION	Yes
DIMENSIONS	74 x 62 x 30mm
COLOUR	White, Stainless Steel, Brass
MATERIAL	ABS or Stainless Steel
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover & RFMS
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT DESCRIPTION

- Double Push PADP3 range of Panic Buttons
- EN50131-1 : Grade 3
- Micro-switch alarm and tamper
- Can be used as a DP or Eol
- Selectable end of line resistors built in:
  A, B, D, E & I
- Available in white or stainless steel
- Selectable for normally open / normally closed
- Indicator to show activation
- 4 terminals
- Key resettable
- Latching / Non-Latching
- Spare keys available
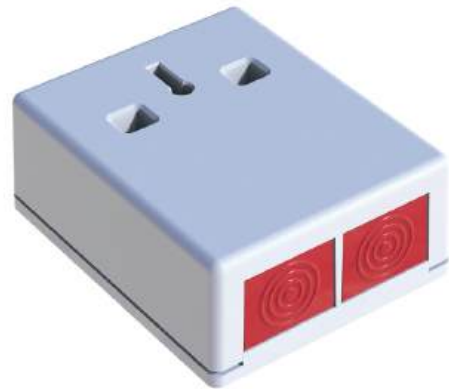
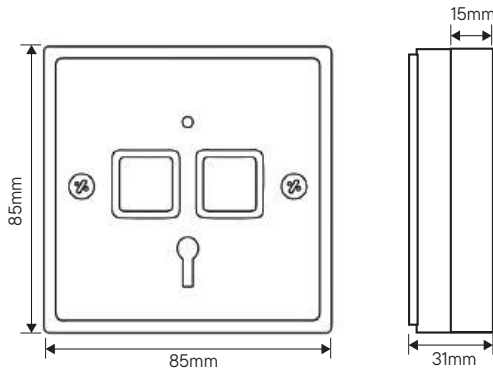**ALL PADP3 RANGE
COME WITH KEYS**

PRODUCT CODE	PRODUCT DESCRIPTION
PADP3/WH	CQR Double Push Panic Button Grade 3 White Resettable
PADP3/SS/WH	CQR Double Push Panic Button Grade 3 Stainless Steel / White Resettable
PADP3/SS/BK	CQR Double Push Panic Button Grade 3 Stainless Steel / Black Resettable
MOUKEY/BK	CQR Panic Button Spare Key for SP1/DP2/DP3/EPA Plastic

Scan the QR code to see the product spacing data

PRODUCT DESCRIPTION

- Electronic Double Push EPA Std range of Panic Buttons
- Surface or flush fitting ideal for improved aesthetics
- EN50131-1 : Grade 3
- Cover Tamper: spring tamper protection
- Available in white or stainless steel
- Latching
- LED indicator to show activation
- 8 terminals with change over relay
- Key resettable
- Spare keys available
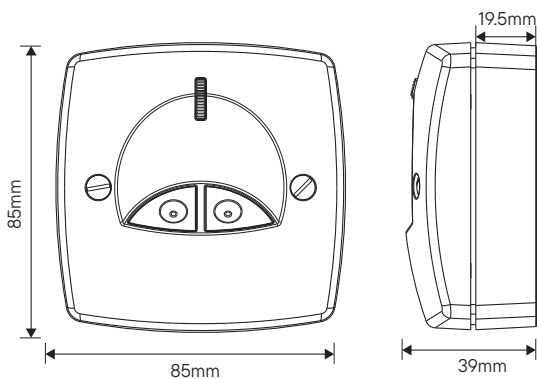
ALL EPA/STD RANGE COME WITH KEYS

PRODUCT SPECIFICATION

SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	II
OPERATION MODE	Double Push
RESET METHOD	Key
MOUNTING METHOD	Surface / Flush
SWITCH METHOD	2 x Micro-switch
SWITCH TYPE	Change over-relay
VOLTAGE RANGE	10-15Vdc
NOMINAL VOLTAGE	12Vdc
QUIESCENT CURRENT	45mA
SWITCH RATING	12Vdc 1A
CONNECTION TYPE	8 x Terminal
VISUAL INDICATION	Red LED
DIMENSIONS	85 x 85 x 31mm (white) 85 x 85 x 28mm (Stainless steel)
COLOUR	White, Stainless Steel
MATERIAL	ABS or Stainless Steel
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
EPA/STD	CQR Electronic Panic Button Grade 2/3 White Plastic Key Resettable
EPA/STD/SS	CQR Electronic Panic Button Grade 2/3 Stainless Steel Key Resettable
MOUKEY/BK	CQR Panic Button Spare Key for SP1/DP2/DP3/EPA Plastic

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Scan the QR code to see the product spacing data

PRODUCT DESCRIPTION

- Electronic Keyless Double Push EPA-NG range of Panic Buttons
- The EPA-NG is the most advanced hold-up device available on the market
- Available as the EPA-NG Standard & EPA-NG Plus with second relay output for confirmed operation and use in BS 8243 systems
- One or two button operation with keyless reset
- Available in white or stainless steel effect
- Latching or Non-Latching
- Timed option
- LED indicator to show status
- No reset key required
- Selectable EoL settings

PRODUCT SPECIFICATION

SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	II
OPERATION MODE	Double push, Timed, Single push
RESET METHOD	Keyless
MOUNTING METHOD	Surface / Flush
SWITCH METHOD	2 x Micro-switch
SWITCH TYPE	Change over-relay, EoL
BUILT-IN RESISTOR TYPES	A, B, D, E
CONFIRMED OUTPUT	Yes (Plus Only)
CONFIRMED OUTPUT TYPE	N/C (Plus only)
VOLTAGE RANGE	10-15Vdc
NOMINAL VOLTAGE	12Vdc
QUIESCENT CURRENT	30mA
SWITCH RATING	30Vdc 2A
CONNECTION TYPE	7 x Terminal (Std) 10 x Terminal (Plus)
VISUAL INDICATION	Yes Tri-colour
DIMENSIONS	85 x 85 x 39mm
COLOUR	White, Stainless Steel
MATERIAL	ABS or Stainless Steel
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover
STANDARDS	EN50131-1, EN50130-5, BS8243
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
EPA-NG/STD/WH/G3	CQR Electronic Keyless Standard Panic Button Grade 2/3 White Plastic
EPA-NG/STD/SS/G3	CQR Electronic Keyless Standard Panic Button Grade 2/3 Stainless Steel Plastic
EPA-NG/Plus/WH/G3	CQR Electronic Keyless Plus Panic Button Grade 2/3 White Plastic
EPA-NG/Plus/SS/G3	CQR Electronic Keyless Plus Panic Button Grade 2/3 Stainless Steel Plastic

27
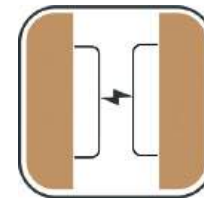
Magnetic Contacts

WHAT ARE MAGNETIC CONTACTS?

Magnetic contacts are reed sensors with magnets that let a system know whether a door, window, or roller shutter is open or closed.

WE CATEGORISE THEM INTO THREE TYPES:

1. SURFACE

- Suitable for fitting to the surface of doors and windows
- Available in slimline, standard and heavy duty variants from Grade 1 to 3
- Available in white, brown and anthracite grey
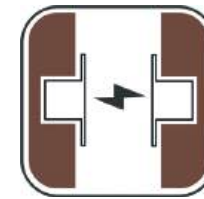
2. FLUSH

- Designed for fitting into the door and frame for discreet operation
- Available in plastic and metal formats from Grade 1 to 3
- Fire tested versions available

3. ROLLER SHUTTER

- Suitable for detecting intrusion on internal and external roller door shutters
- Available in Grade 2 and Grade 3 versions
- RS007 Grade 3 fitted with centre locator for added security

1. SURFACE MOUNT CONTACTS

SLIMLINE – Ideal for doors where space is limited.

STANDARD – More room and easier to work with contacts.

HEAVY DUTY – Ideal for heavy duty doors, where security is under threat.

2. FLUSH MOUNT CONTACTS

BUDGET – Simple flush contacts for lower grade systems.
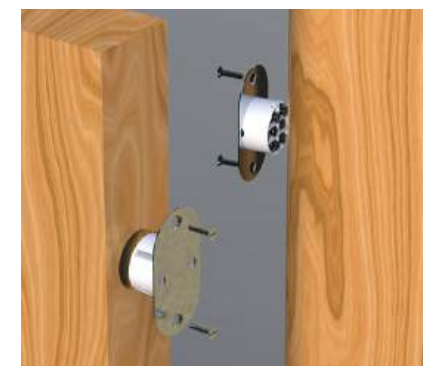
HEAVY DUTY – Suitable for harder wear with a metal construction surround.

PREMIUM – Ideal for higher grade security systems with fire tested versions available.

3. ROLLER SHUTTER CONTACTS
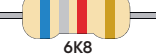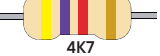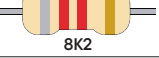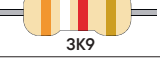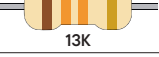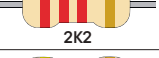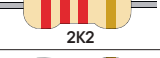
RS002 – GRADE 2 – Ideal for standard roller shutters up to Grade 2 security requirements.
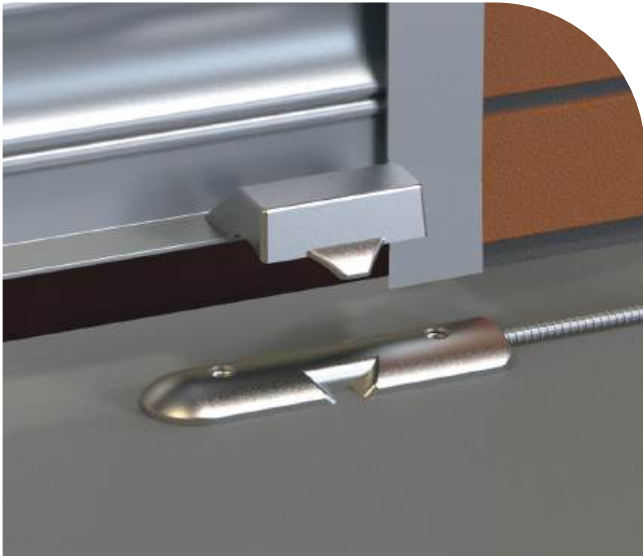
RS007 – GRADE 3 – Suitable for higher grade requirements, with a centre locator for added accuracy and security on site.

SERIES RESISTORS

Type	Alarm (Shunt)	EoL (Tamper)
A	1K	1K
B	4K7	2K2
D	5K6	5K6
E	6K8	4K7
F	8K2	3K9
G	13K	1k
H	2K2	2K2
I	4K7	4K7
J	22K	10K

PARALLEL RESISTORS
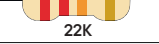
Type	Alarm	EoL
C	8K2K	8K2

RESISTOR VALUES CHART – Ensure you have the correct resistor value for the panel you are working on — all major panel manufacturers are supported. Fit CQR multi-resistor contacts to ensure you only need one contact for all major panel options.

MULTI-RESISTOR CONTACTS – Multi-resistor contacts provide up to five pre-fitted resistor combinations as standard. Simply take one contact to site and cut the resistors you need — no need to add extra resistors.

TYPE	SURFACE							FLUSH						ROLLER SHUTTER	
ITEM	SC517	SC570	SC513	SC525	SC555	GP001	FS610	FC505	FC509	FC511	FC503	FC620	FC508	RS002	RS007
PRICE		££	££			£££	£	£	££	££	££	££	££	££	£££
SECURITY GRADES	G1/G2/G3	G2/G3		G2		G2/G3	G2		G1		G1/G2	G2	G2/G3	G2	G3
ENVIRONMENTAL CLASS							II		II					III	
PROFILE	Slimline	Standard	Slimline	Standard	Standard	Heavy Duty	Slimline	Economy	Metal Plate	Pre-Wired G1	Pre-Wired G2	Pre-Wired Double Pole	Standard	G2 Version	G3 Version
RESISTOR TYPE	A,B,D,E & I	A,B,D,E,F,H & I	Not Applicable			A/B - A/I			Not Applicable				A,B,D,E & I	A, B -A/B	A, B - A/B - A/I
IP RATING	3X	4X	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X	32	42
CONNECTION TYPE	Screw / Terminal	Terminal	Pre-Wired	Pre-Wired	Pre-Wired	Pre-Wired	Pre-Wired	Screw	Screw	Pre-Wired	Pre-Wired	Pre-Wired	Terminals	Pre-Wired	Pre-Wired
NUMBER OF CONNECTIONS	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X	3X
COLOUR	White / Brown	White / Brown / Grey	White	White	Aluminium	Aluminium	White	White	Steel / White	White	White	White	White	Aluminium	Aluminium
MATERIAL	HIPs	HIPs	ASA	HIPs	Aluminium	Aluminium	HIPs	HIPs	HIPs	ABS	HIPs	HIPs	HIPs	Aluminium	Aluminium
CONTACT TYPE	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed	Magnetic reed/ Micro-switch	Magnetic reed	Magnetic reed
MODE OF OPERATION	N/C, EoL, N/O	N/C	N/C	N/C	N/C	N/C, EoL	N/C	N/C	N/C x 2	N/C-N/O x 2	N/C	N/C	N/C, EoL	N/C, EoL	N/C, EoL
SUITABLE FOR DOUBLE DOORS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
IDEAL FOR	Domestic windows & doors			Patio & bi-fold doors		Metal and heavy duty doors and windows	Domestic windows & doors	Domestic doors	Where 2 independent outputs are required	Where 2 independent outputs are required	Domestic & commercial doors and windows	Domestic & commercial metal doors	Domestic & commercial doors and windows	Roller shutter and heavy duty doors	

Scan the QR code to see
the product spacing data

MULTI-RESISTOR VERSION

NON-RESISTORED VERSION

11mm
65mm
13mm
13mm
13mm
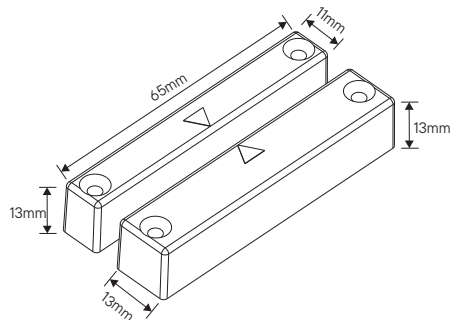
*Available in White & Brown

PRODUCT DESCRIPTION

- SC517 Slimline surface-mount door contacts available in Grade 1, 2, and 3 versions
- Options for Multi-Resistored (provided with A, B, D, E & I Resistors) or Non-Resistored
- Available in white and brown to match the door surface

PRODUCT SPECIFICATION

SECURITY GRADE	1 / 2 / 3
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Surface
PULL-IN GAP	Grade 1 / 2:- ~15mm Grade 3:- ~10mm
SWITCH OPERATION	N/C, EoL, N/O depending on version
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Palladium
CONNECTION TYPE	5 x Terminal 4 x Terminal (Multi only)
RESISTOR TYPE	Multi Resistor (A, B, D, E & I)
DIMENSIONS	65 x 13 x 13mm (Contact) 65 x 13 x 11mm (Magnet)
COLOUR	White, Brown
MATERIAL	HIPs
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	RFMS(G2/3), MID(G3 only)
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
SC517/WH	CQR Slimline Surface Contact G1 White Non-Resistored
SC517/BR	CQR Slimline Surface Contact G1 Brown Non-Resistored
SC517/WH/NO	CQR Slimline Surface Contact Normally Open G1 White Non-Resistored
SC517/WH/G2	CQR Slimline Surface Contact G2 White Non-Resistored
SC517/BR/G2	CQR Slimline Surface Contact G2 Brown Non-Resistored
SC517/WH/MULTI/G2/EN	CQR Slimline Surface Contact G2 White Multi Resistored
SC517/BR/MULTI/G2/EN	CQR Slimline Surface Contact G2 Brown Multi Resistored
SC517/WH/MULTI/G3/EN	CQR Slimline Surface Contact G3 White Multi Resistored
SC517/BR/MULTI/G3/EN	CQR Slimline Surface Contact G3 Brown Multi Resistored

ACCESSORY CODE	PRODUCT DESCRIPTION
SC51X/SPACER/WH	CQR Slimline Spacer Bag of 10 for SC513/SC517

OPTIONAL
SPACE PLATE*

Scan the QR code to see
the product spacing data

MULTI-RESISTOR VERSION

NON-RESISTORED VERSION

85mm
21mm
25mm
18mm

PRODUCT DESCRIPTION

- SC570 Surface mount door contacts available in Grade 2 and 3 versions
- Options for Multi-Resistored (provided with A, B, D, E & I resistors) or Non-Resistored
- Available in white, brown & anthracite grey to match the door surface
- Suitable for fitting in double pole systems
- SC570/WH/DD/G3 suitable for double door configuration
- Contact spacers available
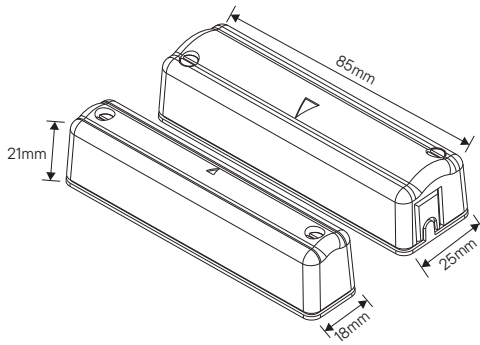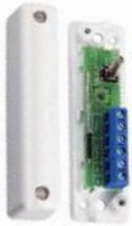
*Available in White, Brown & Anthracite Grey

PRODUCT SPECIFICATION

SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Surface
PULL-IN GAP	Grade 2:- ~27mm Grade 3:- ~10mm
SWITCH OPERATION	N/C, EoL, depending on version
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Rhodium
CONNECTION TYPE	6 x Terminal (Non-Resistored) 3 x Terminal (Multi Resistored) 5 x Terminal (Double Door)
RESISTOR TYPE	Multi Resistor (A, B, D, E, F, H & I) Double Door (A, B, D, E, & I)
DIMENSIONS	85 x 25 x 21mm (Contact) 85 x 18 x 21mm (Magnet)
COLOUR	White, Brown
MATERIAL	HIPs
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover & RFMS(G2/3), MID(G3 only)
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
SC570/WH/G2/EN	CQR Surface Contact G2 White Non-Resistored
SC570/BR/G2/EN	CQR Surface Contact G2 Brown Non-Resistored
SC570/GY/G2/EN	CQR Surface Contact G2 Grey Non-Resistored
SC570/WH/MULTI	CQR Surface Contact G2 White Multi Resistored
SC570/BR/MULTI	CQR Surface Contact G2 Brown Multi Resistored
SC570/WH/G3/EN	CQR Surface Contact G3 White Non-Resistored
SC570/BR/G3/EN	CQR Surface Contact G3 Brown Non-Resistored
SC570/GY/G3/EN	CQR Surface Contact G3 Grey Non-Resistored
SC570/WH/MD/MULTI/G3	CQR Surface Contact G3 White Multi Resistored
SC570/BR/MD/MULTI/G3	CQR Surface Contact Double Door G3 White Multi Resistored
SC570/WH/DD/G3	CQR Surface Contact Double Door G3 White Multi Resistored

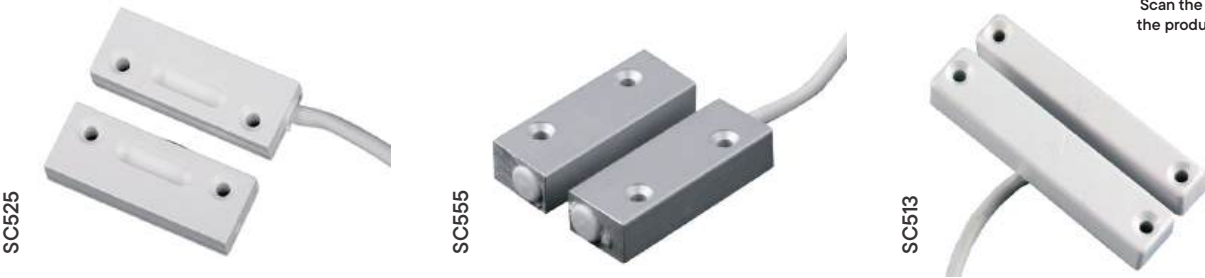| ACCESSORY CODE	PRODUCT DESCRIPTION
SC570/SPACER/WH	CQR SC570 Spacer 5mm Bag of 10

OPTIONAL
SPACE PLATE*

Scan the QR code to see
the product spacing data

SC525
SC555
SC513

PRODUCT DESCRIPTION

- Pre-Wired surface mount door contacts available in Grade 2
- Mini available in White (SC525) & Aluminium (SC555)
- Slimline available in White (SC513)
- 15mm operating gap and sealed for increased moisture resistance

SC525
SC555
SC513

PRODUCT SPECIFICATION

SECURITY GRADE	2
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Surface
PULL-IN GAP	~30mm (SC513) ~15mm (SC525 & SC555)
SWITCH OPERATION	N/C
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Palladium
CONNECTION TYPE	Pre wired 4 core
WIRE LENGTH	~100cm (SC513) ~60cm (SC525 & SC555)
DIMENSIONS	65 x 13 x 13mm (SC513-Contact) 65 x 13 x 11mm (SC513-Magnet) 38 x 15 x 9mm (SC525) 40 x 15 x 10mm (SC555)
COLOUR	White (SC513 & SC525) Aluminium (SC555)
MATERIAL	ASA (SC513) HIPs (SC525) Aluminium (SC555)
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Potted (SC513) Sealed (SC525 & SC555)
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years
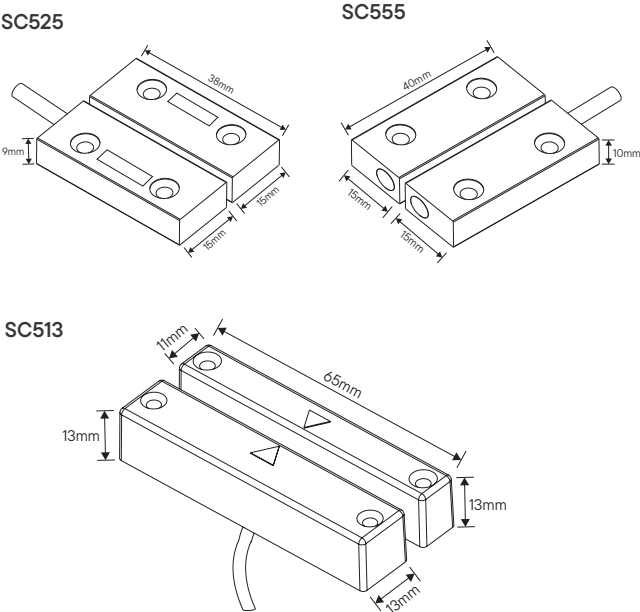
| PRODUCT CODE	PRODUCT DESCRIPTION
SC513	CQR Surface Contact Pre-Wired G2 White Non-Resistored
SC525	CQR Mini Surface Contact Pre-Wired G2 White Non-Resistored
SC555	CQR Mini Surface Contact Pre-Wired G2 Aluminium Non-Resistored

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Scan the QR code to see
the product spacing data

85mm
27mm
26mm

PRODUCT DESCRIPTION

- GP001 surface mount heavy duty door contacts available in Grade 2 and 3 versions
- Options for Pre-Resistored (provided with A,B / A,I resistors) or Non-Resistored
- High quality alloy finish with 47cm armoured cable lengths fitted as standard
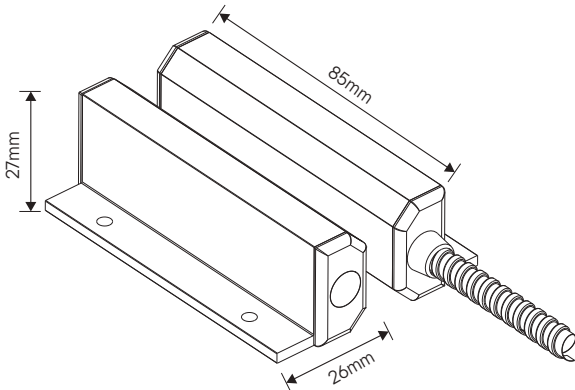
PRODUCT SPECIFICATION

SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Surface
PULL-IN GAP	~25mm
SWITCH OPERATION	N/C or EoL
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Rhodium
CONNECTION TYPE	Pre wired 4 core
WIRE LENGTH	~47cm
RESISTOR TYPE	A/B or A/I depending on version
DIMENSIONS	85 x 27 x 26
COLOUR	Aluminium
MATERIAL	Aluminium /ABS
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Sealed MID (G3 only)
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

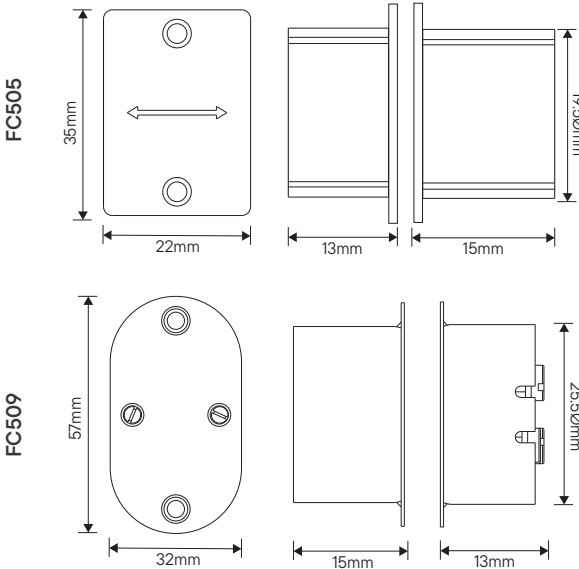| PRODUCT CODE	PRODUCT DESCRIPTION
GP001/G2	CQR Heavy Duty Surface Contact G2 Aluminium Non-Resistored
GP001/AB/G2	CQR Heavy Duty Surface Contact G2 Aluminium Pre-Resistored A&B
GP001/AI/G2	CQR Heavy Duty Surface Contact G2 Aluminium Pre-Resistored A&I
GP001/AB/G3	CQR Heavy Duty Surface Contact G3 Aluminium Pre-Resistored A&B
GP001/AI/G3	CQR Heavy Duty Surface Contact G3 Aluminium Pre-Resistored A&I

Note: To terminate the wires use a JB757/WH junction box

FC505

FC509

*Available in White & Brown

FC505

35mm
22mm
13mm
15mm
19.5Ømm

FC509

57mm
32mm
15mm
13mm
25.5Ømm

PRODUCT DESCRIPTION

- Flush mount door contacts available in Grade 1
- FC505: Quick-fit flush mount Grade 1 contact with 30 mm operating gap — available in white or brown
- FC509: Quick-fit flush mount Grade 1 contact with 20 mm operating gap — available in BNP/ white, 2 x reed switch

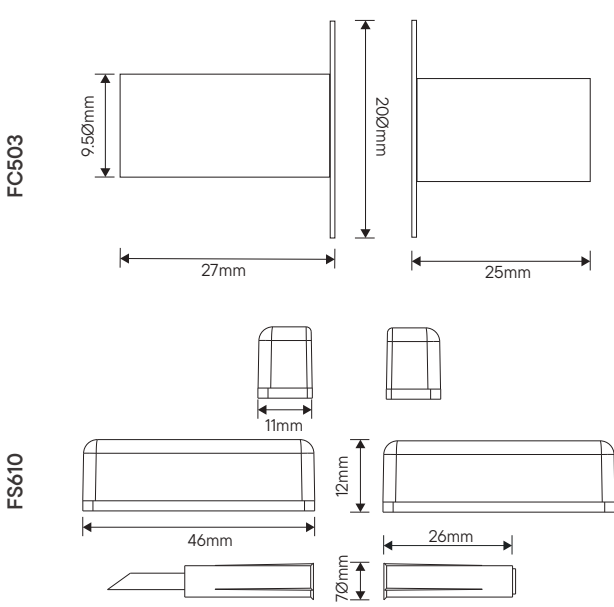| PRODUCT CODE	PRODUCT DESCRIPTION
FC505/WH	CQR Flush Contact G1 White Non-Resistored
FC505/BR	CQR Flush Contact G1 Brown Non-Resistored
FC509/MT/2	CQR Flush Contact Metal Plate G1 Non-Resistored

PRODUCT SPECIFICATION

SECURITY GRADE	1
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Flush
PULL-IN GAP	~20mm
SWITCH OPERATION	N/C
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Palladium
CONNECTION TYPE	5 terminal (FC505) 6 terminal (FC509_
DIMENSIONS (FC505)	19Ømm X 13mm (contact) 19Ømm X 15mm (magnet) 35 x 25 x 1.6mm (faceplate)
DIMENSIONS (FC509)	25.5Ømm x 13mm (contact) 25.5Ømm x 15mm (magnet) 57mm x 32mm x 1mm (faceplate)
COLOUR	White & Brown (FC505) White & BNP (FC509)
MATERIAL	HIPs (FC505) HIPs & Brass (FC509)
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	None
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

FC503

FS610

FC503

9.5Ømm
27mm
25mm
20Ømm

FS610

11mm
46mm
26mm
12mm
7Ømm

PRODUCT DESCRIPTION

- Flush mounted grade 2 magnetic contacts
- FC503 Pre-Wired Ron-Resistored contact with 15mm Operating Gap
- FS610 flush mounted magnetic contact with Surface mount adaptor

PRODUCT CODE	PRODUCT DESCRIPTION
FC503/WH	CQR Flush Contact Pre-Wired G2 White Non-Resistored
FS610	CQR Miniature Flush and Surface Contact G2 White Non-Resistored

PRODUCT SPECIFICATION

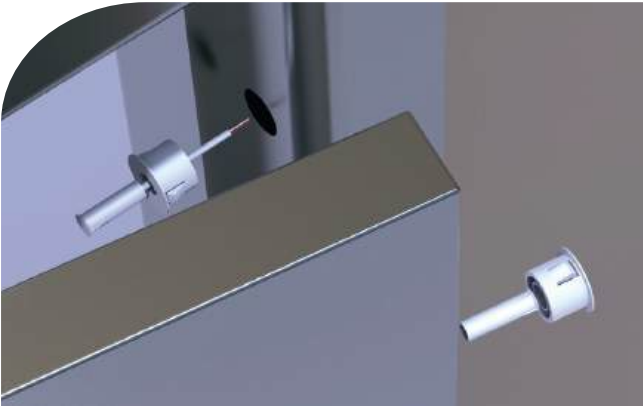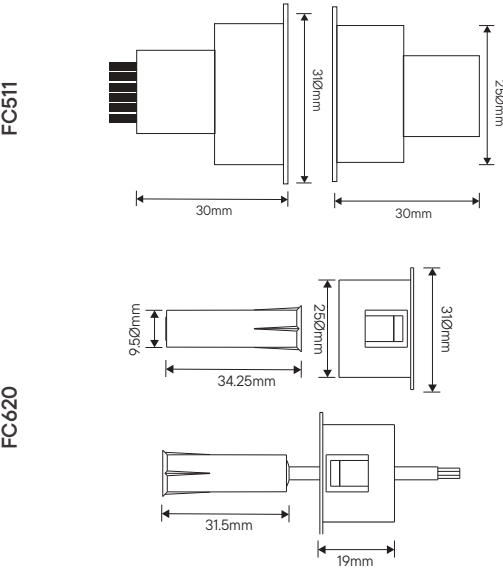| SECURITY GRADE	2
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Flush (FC503) Flush/Surface (FS610)
PULL-IN GAP	~15mm (FC503) ~7mm (FS610)
SWITCH OPERATION	N/C
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Palladium
CONNECTION TYPE	Pre-Wired 4 Cores
WIRE LENGTH	~60cm (FC503) ~295cm (FS610)
DIMENSIONS (FC503)	9.5Ømm X 25mm (contact) 9.5Ømm X 27mm (magnet) 19Ømm x 1mm (faceplate)
DIMENSIONS (FS610)	7Ømm x 26mm (contact & magnet) 46mm x 11mm x 12mm (Surface adaptor)
COLOUR	White
MATERIAL	HIPs
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Sealed
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

FC511

FC620

PRODUCT DESCRIPTION

- Flush mounted Pre-Wired contacts with additional spaces making them suitable for metal doors
- FC511 Grade 1 includes 2 x SPDT (Change-over) reed switches which change state when the included magnet is applied or removed
- FC620 Grade 2 operates as a normally closed circuit going open when the magnet is removed

PRODUCT SPECIFICATION

|	
SECURITY GRADE	1 (FC511), 2 (FC620)
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Flush
PULL-IN GAP	~25mm (FC511) ~15mm (FS620)
SWITCH OPERATION	N/C-COM-N/O x 2 (FC511) N/C (FC620)
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Palladium
CONNECTION TYPE	Pre-Wired (6 x FC511, 4 x FC610)
WIRE LENGTH	~35cm (FC511) ~25cm (FC620)
DIMENSIONS (FC511)	25Ømm X 30mm (body) 31Ømm x 1mm (faceplate)
DIMENSIONS (FC620)	9.5Ømm x 31.5mm (contact) 9.5Ømm x 34.25mm (magnet) 25Ømm x 19mm (adaptor body) 31Ømm x 1mm (adaptor face)
COLOUR	White
MATERIAL	HIPs
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Sealed (FC620) Potted (FC511)
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
FC511/WH/2	CQR Flush Contact Pre-Wired G1 White Non-Resistored, 2 x change over reed switches
FC620/WH	CQR Flush Contact Pre-Wired G2 White Double Pole Non-Resistored

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MULTI VERSION
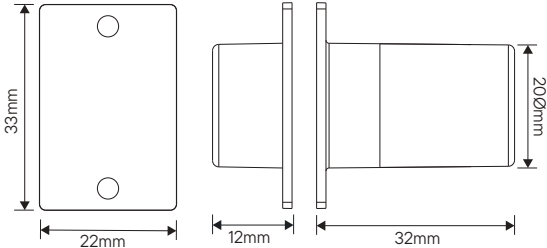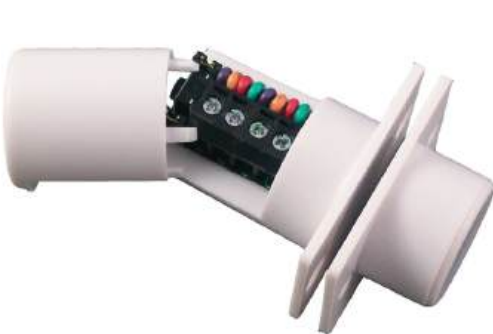
Fire Tested Version: FR*   *Available in White & Brown

PRODUCT DESCRIPTION

- Flush mount FC508 door contacts available in Grade 2 and Grade 3 variants
- Available in white or brown
- Supplied with multi-resistor values: A, B, D, E & I as standard
- Independently tested by an approved 3rd party test house to illustrate product behaviour during a fire FC508/WH/MULTI/G3/FR

PRODUCT SPECIFICATION

|	
SECURITY GRADE	2 / 3
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Flush
PULL-IN GAP	~9mm (grade 2) ~4mm (grade 3)
SWITCH OPERATION	N/C & EoL
SWITCH TYPE	Reed switch (grade 2) Micro-switch (grade 3)
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Rhodium (grade 2) Silver plated copper (grade 3)
CONNECTION TYPE	4 x terminal
RESISTOR TYPE	A, B, D, E & I
DIMENSIONS	20Ømm x 32mm (contact body) 20Ømm x 12mm (magnet body) 22mm x 33mm x 1.6mm (Face plate)
COLOUR	White
MATERIAL	HIPs
IP RATING	3X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover & MID(grade 3 only)
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
FC508/WH/MULTI/G2/EN	CQR Flush Contact G2 White Multi-Resistored
FC508/WH/MULTI/G2/FR	CQR Flush Contact Fire Rated G2 White Multi-Resistored
FC508/BR/MULTI/G2/EN	CQR Flush Contact G2 Brown Multi-Resistored
FC508/WH/MULTI/G3/EN	CQR Flush Contact G3 White Multi-Resistored
FC508/BR/MULTI/G3/EN	CQR Flush Contact G3 Brown Multi-Resistored
FC508/WH/MULTI/G3/FR	CQR Flush Contact Fire Rated G3 White Multi-Resistored
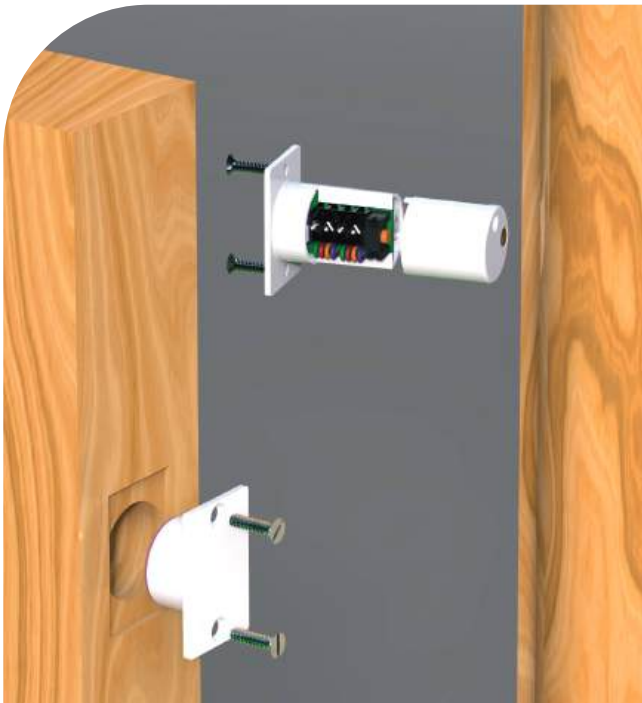
83mm
71mm
30mm
12.5mm
50mm
175mm
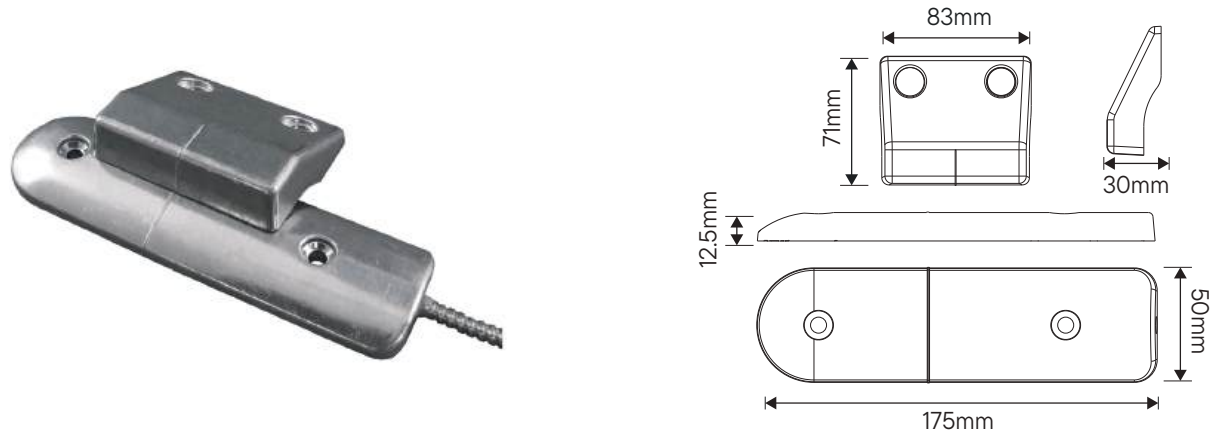
PRODUCT DESCRIPTION

- Surface mount Roller Shutter RS002 Grade 2 contacts
- High quality alloy finish
- Available Pre-Resistored (A,B) or Non-Resistored
- Longer 1 meter cable version available

PRODUCT SPECIFICATION

SECURITY GRADE	2
ENVIRONMENTAL CLASS	III
MOUNTING METHOD	Surface / Roller shutter
PULL-IN GAP	~50mm
SWITCH OPERATION	N/C & EoL depending on version
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Ruthenium
CONNECTION TYPE	Pre-Wired
RESISTOR TYPE	A, B
CABLE LENGTH	45cm or 100cm
DIMENSIONS	175 x 50 x 12.5mm (contact) 83 x 71 x 30mm (magnet)
COLOUR	Aluminium
MATERIAL	Aluminium
IP RATING	32
TEMPERATURE RANGE	-25°C to +50°C
TAMPER PROTECTION	Potted
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
RS002/ALI	CQR Roller Shutter Contact Aluminium G2 Non-Resistored
RS002/ALI/1R/1M	CQR Roller Shutter Contact 1M Cable Aluminium G2 Non-Resistored
RS002/ALI/1M/G2/B	CQR Roller Shutter Contact 1M Cable Aluminium G2 Resistored B
RS002/ALI/G2/AB	CQR Roller Shutter Contact Aluminium G2 Multi-Resistored AB
RS002/ALI/G2/AB/1M	CQR Roller Shutter Contact 1M Cable Aluminium G2 Resistored AB
RS002/ALI/G2/B	CQR Roller Shutter Contact Aluminium G2 Resistored B

Note: To terminate the wires use a JB757/WH junction box

83mm
32mm
86mm
14mm
50mm
175mm

PRODUCT DESCRIPTION

- Surface mount Roller Shutter RS007 Grade 3 contacts
- Locating mechanism to aid alignment
- High quality alloy finish
- Pre-Resistored & N/C
- Longer 1 meter cable version available

PRODUCT SPECIFICATION

SECURITY GRADE	3
ENVIRONMENTAL CLASS	III
MOUNTING METHOD	Surface / Roller shutter
PULL-IN GAP	~23mm
SWITCH OPERATION	N/C & EoL depending on version
SWITCH TYPE	Reed switch
SWITCH RATING	12Vdc 500mA
SWITCH MATERIAL	Ruthenium & Rhodium
CONNECTION TYPE	Pre-Wired
RESISTOR TYPE	A, B, C, E, H & I
CABLE LENGTH	45cm or 100cm
DIMENSIONS	175 x 50 x 14mm (contact) 83 x 86 x 32mm (magnet)
COLOUR	Aluminium
MATERIAL	Aluminium
IP RATING	32
TEMPERATURE RANGE	-25°C to +50°C
TAMPER PROTECTION	Potted & MID(grade 3 only)
STANDARDS	EN50131-1, EN50131-2-6 EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
RS007/G3/AB	CQR Roller Shutter Contact G3 Multi-Resistored A/B
RS007/G3/AB/1M	CQR Roller Shutter Contact 1 metre Cable Multi-Resistored A/B
RS007/G3/A	QR Roller Shutter Contact Resistored type A
RS007/G3/A/1M	QR Roller Shutter Contact 1 metre cable Resistored type A
RS007/G3/AI	CQR Roller Shutter Contact Resistored type A/I
RS007/G3/B	CQR Roller Shutter Contact Resistored type B
RS007/G3/B/1M	CQR Roller Shutter Contact 1 metre cable Resistored 1
RS007/G3/C	CQR Roller Shutter Contact Resistored type C
RS007/G3/E	CQR Roller Shutter Contact Resistored type E
RS007/G3/H	CQR Roller Shutter Contact Resistored type H
RS007/G3/I	QR Roller Shutter Contact Resistored type I

Note: To terminate the wires use a JB757/WH junction box
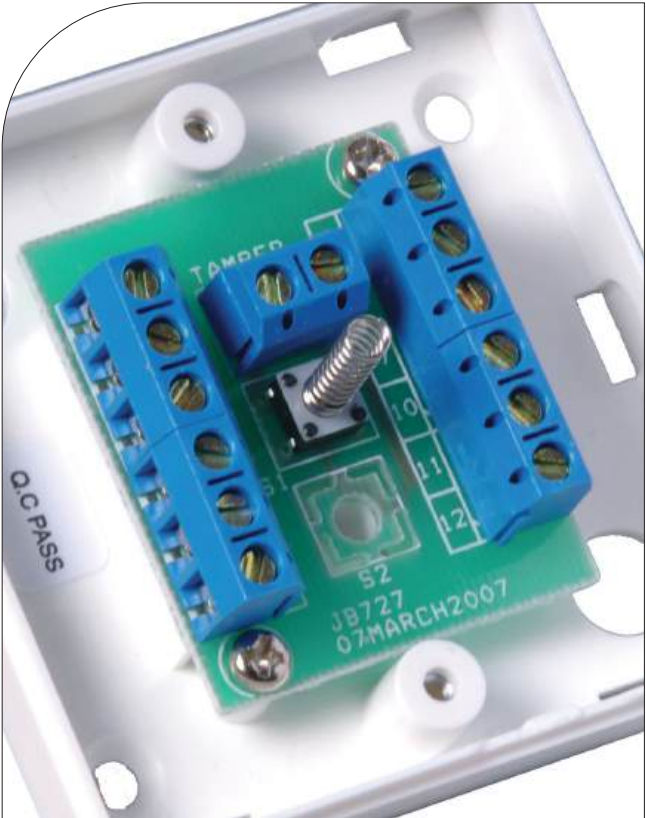
Junction Boxes

WHAT ARE JUNCTION BOXES?

CQR junction boxes are security graded for use in intruder alarm installations. They are used to mechanically join two or more cables using screw terminals.

1. NUMBER OF TERMINALS

CQR provides a full range of junction boxes available in 5, 12, and 24-way configurations.

2. WEATHERPROOF: JB757

The CQR JB757 conforms to Environmental Class III and is designed for installation in areas where extreme indoor conditions are present. It features a rubber seal around the terminals and cable entry points to prevent water ingress. A number of fitting options are supplied to allow for trunking and tubing cable entry.


TYPE	JB707		JB727		JB757	JB737
ITEM	JB707/WH	JB707/BR	JB727/WH	JB727/BR	JB757/WH	JB737/WH
PRICE	£	£	££	££	£££	££
SECURITY GRADE	G3	G3	G3	G3	G3	G3
ENVIRONMENTAL CLASS	II	II	II	II	III	II
NUMBER OF WAYS	5 Ways + 2 tamper	5 Ways + 2 tamper	12 Ways + 2 tamper	12 Ways +2 tamper	12 Ways +2 tamper	24 Ways +2 tamper
COLOUR	White	Brown	White	Brown	White	White

Scan the QR code to see
the product spacing data

85 mm
25mm
20mm
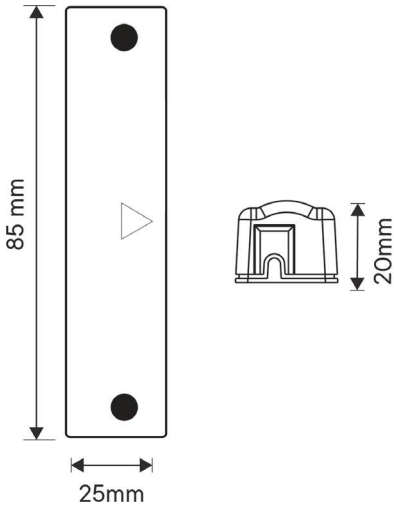
PRODUCT DESCRIPTION

- Junction Box 5 way with Micro-switch tamper
- Available in White and Brown
- Grade 3 Environmental Class II
- Screw terminals
- Conforms to PD6662:2017
- Optional Base Tamper

*Available in White & Brown
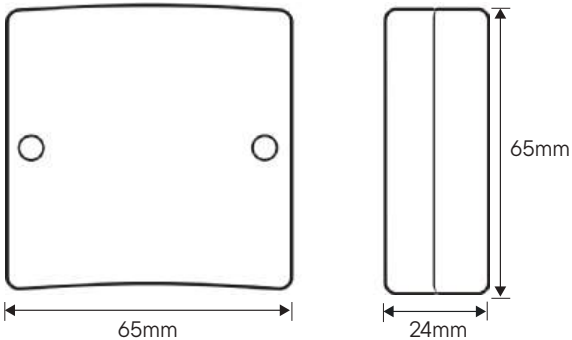
PRODUCT SPECIFICATION

SECURITY GRADE	3
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Surface
CONNECTION TYPE	Terminals
NUMBER OF TERMINALS	5 & 2 x tamper
TERMINAL WIRE SIZE	Max 14 AWG, 1.5mm²
TERMINAL VOLTAGE	30Vdc
TERMINAL CURRENT	5A
DIMENSIONS	85 x 20 x 25mm
COLOUR	White
MATERIAL	ABS
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover & RFMS
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
JB707/WH	CQR Junction Box 5 Way with Micro-switch Tamper White
JB707/BR	CQR Junction Box 5 Way with Micro-switch Tamper Brown

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Scan the QR code to see
the product spacing data

65mm
65mm
24mm

PRODUCT DESCRIPTION

- Junction Box 12 way with Micro-switch tamper
- Available in White and Brown
- Grade 3 Environmental Class II
- Screw terminals
- Conforms to PD6662:2017
- Optional Base Tamper

*Available in White & Brown

PRODUCT SPECIFICATION

| SECURITY GRADE	3
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Surface
CONNECTION TYPE	Terminals
NUMBER OF TERMINALS	12 & 2 x tamper
TERMINAL WIRE SIZE	Max 14 AWG, 1.5mm²
TERMINAL VOLTAGE	30Vdc
TERMINAL CURRENT	5A
DIMENSIONS	65 x 65 x 24mm
COLOUR	White
MATERIAL	ABS
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover & RFMS
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
JB727/WH	CQR Junction Box 12 Way with Micro-switch Tamper White
JB727/BR	CQR Junction Box 12 Way with Micro-switch Tamper Brown

80mm
52mm
24mm
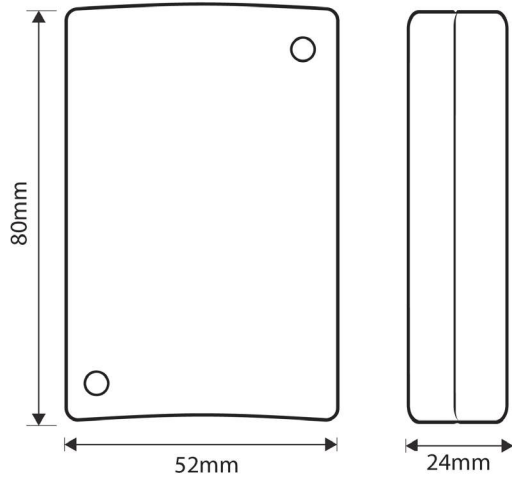
PRODUCT DESCRIPTION

- Weatherproof Junction Box 12 with Micro-switch tamper
- Accommodates multiple trunking sizes:
  16 x 16mm trunking
  25 x 16mm trunking
  12mm conduit
  Includes:
  2 x blanking
  2 x grommets
- Available in White
- Grade 3 Environmental Class II
- Screw terminals
- Conforms to PD6662:2017
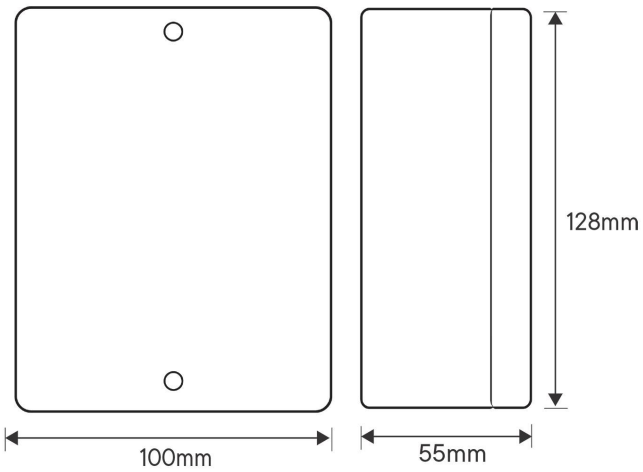- Optional Base Tamper

PRODUCT SPECIFICATION

SECURITY GRADE	3
ENVIRONMENTAL CLASS	III
MOUNTING METHOD	Surface
CONNECTION TYPE	Terminals
NUMBER OF TERMINALS	12 & 2 x tamper
TERMINAL WIRE SIZE	Max 14 AWG, 1.5mm²
TERMINAL VOLTAGE	30Vdc
TERMINAL CURRENT	5A
DIMENSIONS	80 x 52 x 24mm
COLOUR	White
MATERIAL	ABS
IP RATING	42
TEMPERATURE RANGE	-25°C to +50°C
TAMPER PROTECTION	Cover & RFMS
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
JB757/WH	CQR Junction Box 12+2 way with Micro-switch Tamper White

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128mm
100mm
55mm

PRODUCT DESCRIPTION

- Junction Box 24 way with Micro-switch tamper
- Available in White
- Grade 3 Environmental Class II
- Screw terminals
- Conforms to PD6662:2017
- Optional Base Tamper

PRODUCT SPECIFICATION

SECURITY GRADE	3
ENVIRONMENTAL CLASS	II
MOUNTING METHOD	Surface
CONNECTION TYPE	Terminals
NUMBER OF TERMINALS	24 & 2 x tamper
TERMINAL WIRE SIZE	Max 14 AWG, 1.5mm²
TERMINAL VOLTAGE	30Vdc
TERMINAL CURRENT	5A
DIMENSIONS	100 x 128 x 55mm
COLOUR	White
MATERIAL	ABS
IP RATING	4X
TEMPERATURE RANGE	-10°C to +40°C
TAMPER PROTECTION	Cover
STANDARDS	EN50131-1, EN50130-5
WARRANTY	2 Years

PRODUCT CODE	PRODUCT DESCRIPTION
JB737/WH	CQR Junction Box 24 Way with Micro-switch Tamper White

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