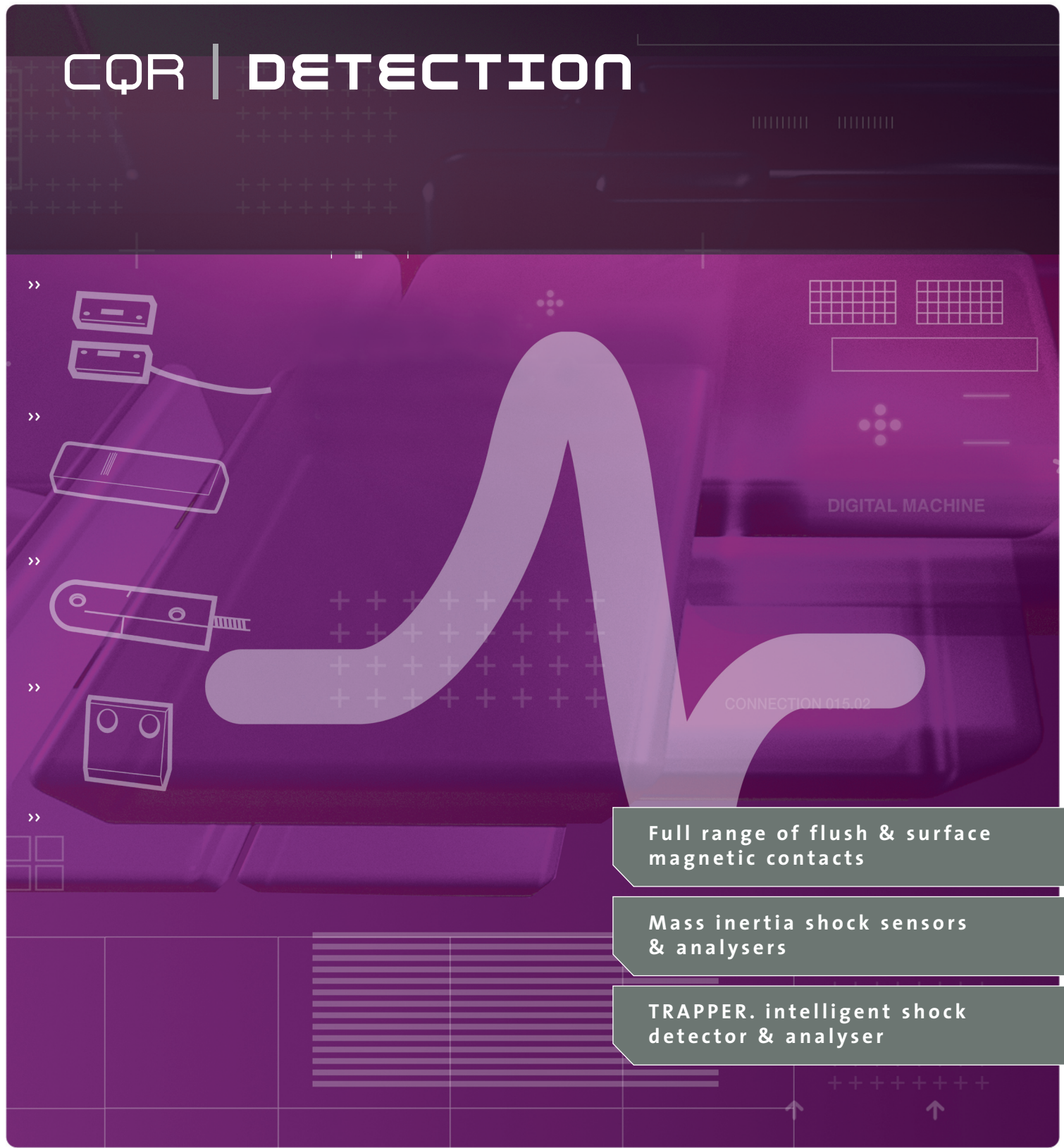


CQR | DETECTION



Full range of flush & surface
magnetic contacts

Mass inertia shock sensors
& analysers

TRAPPER. intelligent shock
detector & analyser

www.cqr.co.uk



INNOVATIVE SOLUTIONS

CQR | DETECTION



CQR is one of the major manufacturers of security products in the UK, and as a leading supplier to the European security industry, has consistently been at the forefront of traditional and new product development since opening for business way back in the early eighties.

The CQR brand is recognised worldwide and has become synonymous with quality and reliability. CQR branded products are all designed with ease of installation and use in mind and meet many product standards worldwide, including also full compliance to ISO 9001:2000.

Now part of the OSL Group, CQR continues to bring new products to market, backed up by a sales and support service, we believe is second to none.

This Technical Data Sheet reflects our 'modern' approach to our industry and provides you with all the information you need on this section of our extensive range.

All CQR's detection products are designed for Consistency, Quality and Reliability. Their proven track record over many years means they can be fitted as part of any installation with confidence, ensuring that top quality, reliable products are consistent throughout the system.

The useful 'at a glance' tables on the back of this leaflet gives you all the performance data you need to choose the right products for the job. This includes our unique range of mass inertia shock sensors and TRAPPER, the intelligent shock detector & analyser.

All of CQR Detection products are available from a wide range of specialist security Distributors who, together with our own technical back up, provide an excellent after-sales service as and when required.

However, should you require further information on any product in this leaflet, please give our Technical Support Team a call on +44(0)151 606 6311.



FLUSH CONTACTS



FC504/WH -
FC505/WH

Magnetic contacts which can be flush fitted for maximum discretion. The range includes plastic and metal fronted types, some of which are pre-wired for easy installation.



FC503/WH



FC509/MT/2



FC620/WH



FS610/WH

SURFACE CONTACTS



SC516/WH -
SC517/WH

A range of contacts in plastic and aluminium which can be surface mounted and which will suit most domestic and commercial installations.



SC525/WH/4C



SC513/WH/4C



SC555/AL/4C



SC550/WH

HEAVY DUTY CONTACTS

A range of aluminium pre-wired contacts some of which are fitted with two reeds for additional security.



GP001 - GP002



RS002/ALI



RS005/ALI



RS001 /BK

WINDOW FOIL

A range of self adhesive aluminium foil and terminal blocks for use on windows.



SHORT PLATE
FB722



EXTENDED PLATE
FB724



FOIL BLOCK COVER
FB726



FOIL
FB725/50

SHOCK SENSORS

A range of mass inertia shock sensors which can be used either with the TRAPPER or with other separate analysers or those integrated into control panels.

SD1/WH - Flush mounted sensor, requiring a 13mm hole

SD3/WH - Surface sensor in tampered junction box can be mounted in any place

SD4/WH - As above, with the addition of a reed switch and magnet



SD1/WH



SD3/WH



SD4/WH

ANALYSERS

A range of analysers designed to work with CQR shock sensors. They use the well-proven Time/Pulse integrator type of system, designed to match various forced-entry modes but without complex setting

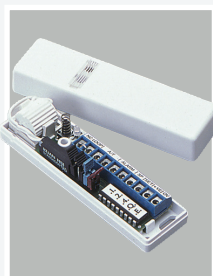


MA100T



MA350

TRAPPER



Trapper uses the well proven mass inertia shock sensor module giving superior stability and performance over all building materials.

The unique crow bar leverage action in the design of the CQR sensor means that the moving mass weight is lighter than that of other sensors, thus making it less sensitive to wind and traffic generated vibrations.

The wiping action of the hard gold crosspoint bars makes the sensor self cleaning and highly resistant to contact degradation.

FEATURES:

- PIC microchip controller
- Auto learn sensitivity control
- Tri-colour LED status indication

- Time window pulse count
- Sequential alarm memory for units 1-10
- Digital sensitivity adjustment using jumpers
- Slave sensor facility

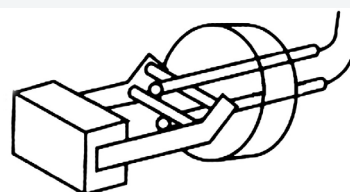
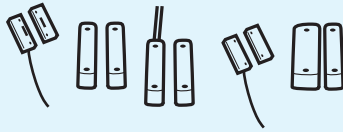


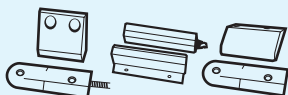
Illustration simplified to demonstrate principle



FLUSH CONTACTS



SURFACE CONTACTS



HEAVY DUTY CONTACTS



WINDOW FOIL



ANALYSERS



SHOCK SENSORS

SD1/WH W: 15mm H: 15mm D: 18mm
SD3/WH W: 29mm H: 51mm D: 17mm
SD4/WH W: 29mm H: 51mm D: 17mm
magnet W: 10mm H: 50mm D: 12mm



TRAPPER

W: 21mm H: 25mm D: 92mm



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A member of 

FLUSH CONTACTS AT A GLANCE

	Connections	Reed Switches	Pull-in gap	Material	Size mm	Contact form	Voltage range	Switching current	Contact Material	Colours
FC503	4 wire	1	15mm	Polystyrene	9.5 Dia x 25	SPST form A	1-50VDC	500mA	Rhodium	White
FC504	5	1	18mm	Polystyrene	19 Dia x 15 x 35 x 22	SPST form A	1-50VDC	500mA	Rhodium	White
FC505	5	1	23mm	Polystyrene	19 Dia x 15 x 35 x 22	SPST form A	1-50VDC	500mA	Rhodium	White / Brown
FC509/MT/2	6	2	25mm	Polystyrene / Metal	25 Dia x 13 x 57 x 32	SPST form A	1-50VDC	500mA	Rhodium	White
FS610	3m 4 core	1	15mm	Polystyrene	6 Dia x 26	SPST form A	1-50VDC	500mA	Rhodium	White
FC620	3m 4 core	1	15mm	Polystyrene	Contact: 9.5 Dia x 33 Adaptor: 25 Dia x 20	SPST form A	1-50VDC	500mA	Rhodium	White

SURFACE CONTACTS AT A GLANCE

	Connections	Reed Switches	Pull-in gap	Material	Size mm	Contact form	Voltage range	Switching current	Contact Material	Colours
SC513	1m 4 core	1	20mm	Polystyrene	65 x 13.5 x 13	SPST form A	1-50VDC	500mA	Rhodium	White
SC516	5	1	15mm	Polystyrene	65 x 13.5 x 13	SPST form A	1-50VDC	500mA	Rhodium	White/ Brown
SC517	5	1	20mm	Polystyrene	65 x 13.5 x 13	SPST form A	1-50VDC	500mA	Rhodium	White/ Brown
SC525	1m 4 core	1	20mm	Polystyrene	38 x 15 x 8	SPST form A	1-50VDC	500mA	Rhodium	White/ Brown
SC550	6	1	30mm	Polystyrene	85 x 25 x 20	SPST form A	1-50VDC	500mA	Rhodium	White/ Brown
SC555	1m 4 core	1	20mm	Aluminium	43 x 17 x 10	SPST form A	1-50VDC	500mA	Rhodium	Aluminium
FS610	3m 4 core	1	15mm	Polystyrene	6 Dia x 26	SPST form A	1-50VDC	500mA	Rhodium	White

HEAVY DUTY CONTACTS AT A GLANCE

	Connections	Reed Switches	Pull-in gap	Material	Size mm	Contact form	Voltage range	Switching current	Contact Material	Colours
RS001	0.5m armoured cable	1	30mm	Polystyrene	150 x 50 x 10	SPST form A	1-50VDC	500mA	Rhodium	Black
RS002	0.5m flexible armoured cable	1	65mm	Aluminium	175 x 50 x 15	SPST form A	1-50VDC	500mA	Rhodium	Aluminium
RS002 1M	1m flexible armoured cable	1	65mm	Aluminium	175 x 50 x 15	SPST form A	1-50VDC	500mA	Rhodium	Aluminium
RS002	0.5m flexible armoured cable	1	50mm	Aluminium	130 x 10 x 45	SPST form A	1-50VDC	500mA	Rhodium	Aluminium
GP001	0.5m flexible armoured cable	1	50mm	Aluminium	80 x 15 x 27	SPST form A	1-50VDC	500mA	Rhodium	Aluminium
GP002	0.5m flexible armoured cable	2	50mm	Aluminium	80 x 15 x 27	SPST form A	1-50VDC	500mA	Rhodium	Aluminium

ANALYSERS AT A GLANCE

	Supply Voltage	Supply Current	Sensor loops	Indicators	Sensitivity	Reset	Alarm relay	Tamper Switch	Size mm
MA100	10.5 - 15 vdc	30mA	1	1	1	Auto	open on alarm, 1 amp, 60v	250 v 1A	80 x 53 x 25
MA350	10.5 - 15 vdc	85mA	3	3	3	Auto	open on alarm, 1 amp, 60v	250 v 1A	127 x 89 x 25
TRAPPER	10.5 - 15 vdc	17mA	1	tri colour	Auto/ manual	Auto/ manual	open on alarm, 1 amp, 60v	250 v 1A	21 x 25 x 92

distributed by: