

Bramah

Established 1784

History, Security and Style

Shunted Locks for Burglar and Fire Alarms to PD 6662:2004 – Grade 4 Risk

Background

In the late 1980's and for most of 1990's an alarm system was set (switched on), by the user inputting a code into an alarm keypad located adjacent to the final exit door (which had a magnetic contact in) and then closing this door. So many seconds later the alarm was set.

To unset (switch off) the user entered a code into that same keypad.

Using this method, the number of false alarms was enormous, the biggest mistakes being staff or cleaners entering the premises that didn't know the correct code or made a mistake entering the code.

Since one error activated an alarm signal, this meant 95% of all Police calls were false and huge resources were wasted.

Recent Changes in Regulations - 1st October 2005

To counter these problems PD 6662:2004 has been introduced which instructs the alarm company on how an alarm system can be set or unset. In addition it requires us to plan a sequential device activation so ensuring the police are not called out for a user mistake. (ie two separate devices to go off within 30 minutes before calling the police)

Impact of Changes

New alarm equipment has been introduced and all old alarm equipment is obsolete with immediate effect

In addition the planning of how to set and unset an alarm system is critical to how quickly the police are called, bearing in mind the most common form of attack in London is the front door being broken open and that door is also the route in for the legal occupier.

An alarm company now has two options:

1. Use the door contact as the **final exit device (doesn't count for alarm activation as set and unset device)** and keep the keypad in the entrance hallway and add a second device to cover it (**entry / exit device which can only count as the first device activation however many there are**) and then place a second device or series of second devices at points where they may go. – This is poor practice as it is possible to break a door down, get in, take something within the legal owners timing period and be gone before a second or even first device is activated, worst still if you find a handbag with the house keys and alarm fob in you can get in and turn the alarm off and be free to roam at your convenience; or
2. Fit a Bramah Shunted high security mortice deadlock as the final exit device (**for setting and unsetting the alarm**), fit a door contact (**entry / exit route device**) and then place a second device as before. - The difference is the alarm will go off the minute the door is broken down and even with your keys from a handbag theft, they won't know your alarm code because it's a number not a fob.

Complicated, but always fit a shunt lock for the best security.

Shunted Locks.

~~These work~~ by having a microswitch fitted in an Insurance approved mortice deadlock. When the door is locked the alarm system is set, when unlocked it is unset.

Bramah high security locks are insurance approved to Grade 4 alarms and equivalent to BS3621 :2004 and BS8621:2004 as well Grade 5 of the proposed European Standard for door locks, in addition to being key registered, so you know who has keys and who can get in;

Bramah range is comprehensive covering different types of doors (wood and metal), different sizes of doors and all in different finishes;

Bramah locks can be keyed to pass (work on the same key) at no extra cost and they can also be mastered.

Lock Options

On the following sheets the extensive range of suitable deadlocks is listed. A Bramah catalogue will show the technical details of the product.

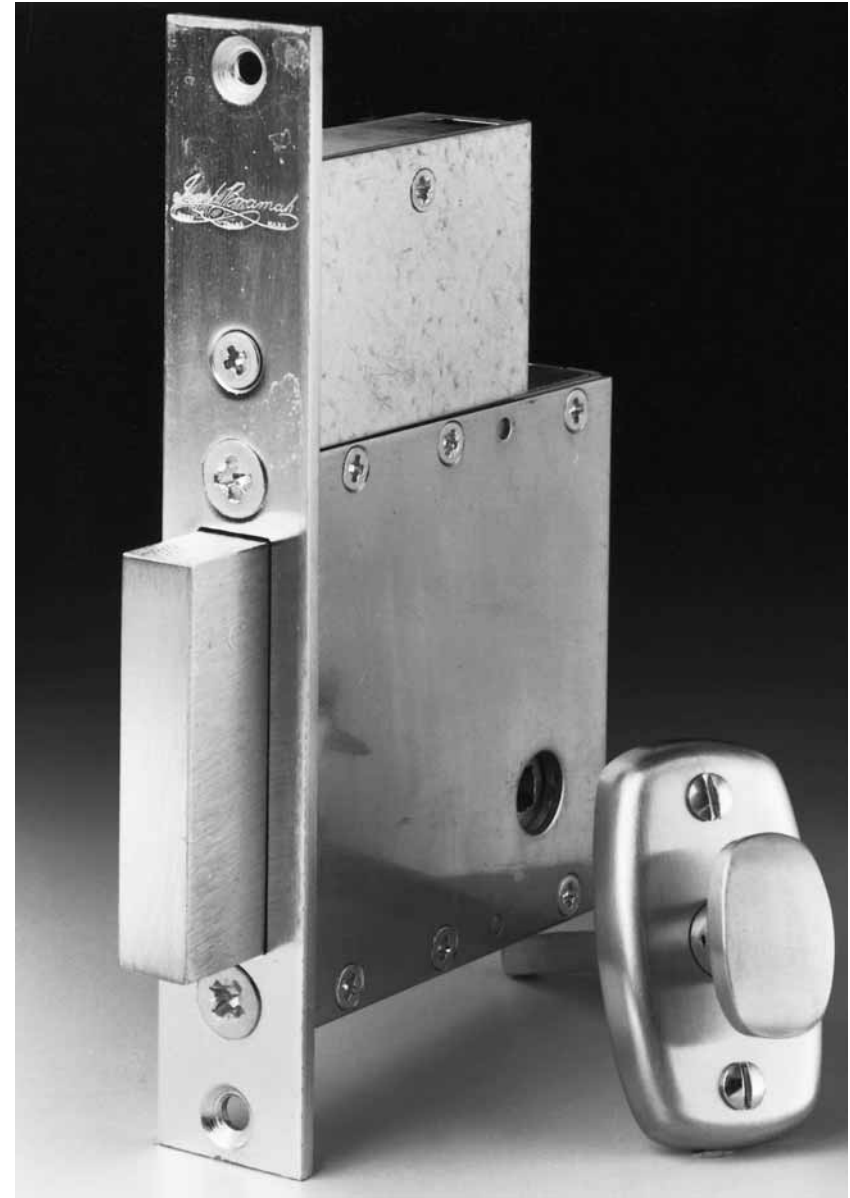
Our Ref: Mark2006.1
31st January 2007

Bramah Security Equipment Ltd - 31 Oldbury Place, London, W1U 5PT
Shunted / Contacted High Security Key Registered Locks to Grade 4 of PD 6662:2004

Product	Lock Type	Locking Plate	Sliding Escutcheon	Plain Escutcheon	Keys	£ Price plus vat
Deadlock for Wooden Doors with 25mm (1" Fire Stops)						
<i>Lock Depth 81 mm (3 3/8"), Keyway Backset 62 mm (2 9/16")</i>						
MDD27A	Deadlock with key to open inside and out, with 3 contact microswitch	1	1	1	2	157.37
MDD27AA	Deadlock with key to open inside and out, with 6 contact microswitch	1	1	1	2	167.48
MDD17A	Deadlock with key to open one side only, with 3 contact microswitch	1	1		2	137.88
MDD17AA	Deadlock with key to open one side only, with 6 contact microswitch	1	1		2	147.41
MDD17KA	Deadlock with key to open outside and thumbturn to open inside, with 3 contact microswitch	1	1		2	157.22
MDD17KAA	Deadlock with key to open outside and thumbturn to open inside, with 6 contact microswitch	1	1		2	165.62
MDD27FA	Deadlock with one key to open outside and one to open inside, with 3 contact microswitch	1	1	1	4	174.64
MDD27FAA	Deadlock with one key to open outside and one to open inside, with 6 contact microswitch	1	1	1	4	184.54
Rebate Sets	MDD Rebate Sets 13mm (1/2"), 16mm (5/8"), 19mm (3/4"), 25mm (1")					19.90
Deadlock for Wooden Doors with 13mm (1/2" Fire Stops)						
<i>Lock Depth 57 mm (2 3/8"), Keyway Backset 40 mm (1 9/16")</i>						
MD27A	Deadlock with key to open inside and out, with 3 contact microswitch	1	1	1	2	157.37
MD27AA	Deadlock with key to open inside and out, with 6 contact microswitch	1	1	1	2	167.48
MD17A	Deadlock with key to open one side only, with 3 contact microswitch	1	1		2	137.88
MD17AA	Deadlock with key to open one side only, with 6 contact microswitch	1	1		2	147.41
MD17KA	Deadlock with key to open outside and thumbturn to open inside, with 3 contact microswitch	1	1		2	157.22
MD17KAA	Deadlock with key to open outside and thumbturn to open inside, with 6 contact microswitch	1	1		2	165.62
MD27FA	Deadlock with one key to open outside and one to open inside, with 3 contact microswitch	1	1	1	4	174.64
MD27FAA	Deadlock with one key to open outside and one to open inside, with 6 contact microswitch	1	1	1	4	184.54
Rebate Sets	MDD Rebate Sets 13mm (1/2"), 16mm (5/8"), 19mm (3/4"), 25mm (1")					19.90
Deadlock for Narrow Stile Metal (M) or Wooden (W) Doors						
<i>Lock Depth 43mm (1 11/16"), Keyway Backset 22mm (7/8")</i>						
NS17AM	Deadlock with key to open one side only, with 3 contact microswitch		1		2	133.08
NS17AAM	Deadlock with key to open one side only, with 6 contact microswitch		1		2	145.82
NS17AW	Deadlock with key to open one side only, with 3 contact microswitch	1	1		2	137.88
NS17AAW	Deadlock with key to open one side only, with 6 contact microswitch	1	1		2	150.62
Rebate Sets	NS Rebate Set 13mm (1/2")					19.90
Hookbolt for Hinged and Sliding Metal (M) or Wooden (W) Doors						
<i>Lock Depth 32mm (1 7/32"), Keyway Backset 15mm (9/16")</i>						
VNS27AM	Hooklock with key to open inside and out, with 3 contact microswitch		1	1	2	160.45
VNS27AAM	Hooklock with key to open inside and out, with 6 contact microswitch		1	1	2	180.36
VNS27AW	Hooklock with key to open inside and out, with 3 contact microswitch	1	1	1	2	172.27
VNS27AAW	Hooklock with key to open inside and out, with 6 contact microswitch	1	1	1	2	192.18
Rim Deadlock for Wood or Metal Doors - Minimum Key Length 63mm						
<i>Lock Depth 75mm (2 15/16"), Keyway Backset 40mm (1 9/16")</i>						
R17A	Deadlock with key to open one side only, with 3 contact microswitch	1	1		2	185.67
Collapsible Gate and Bostwick Door Lock						
<i>Lock Depth 75mm (2 15/16"), Keyway Backset 40mm (1 9/16")</i>						
SD17A	Gatelock with key to open one side only, with 3 contact microswitch	1			2	137.36
Cut Cabinet Locks						
CAB17A	Cabinet lock with key to lock and unlock	1			2	104.34
CAB17AA	Cabinet lock with key to lock and unlock	1			2	113.67
Box Striking Plate with Microswitch Connection						
P001/69A	Box Striking Plate, with 3 contact microswitch.					44.61
P001/69AA	Box Striking Plate, with 6 contact microswitch.					48.39
Switch Units as an Alarm Switch and as Shutter and Garage Door switch.						
SU17	Switch Unit without box, one microswitch				2	68.21
APB1 - 2T	Orion Two Way Momentary Close - Open one Pole, Key removable after contacting center position . Surface Fix.				2	134.61
UPB1 - 2T	Orion Two Way Momentary Close - Open one Pole, Key removable after contacting center position . Recessed.				2	134.61
Standard Features						
Bramah key registered mechanism						
Finishes - Nickel, Brass, BMA, Black						
150mm tail on the microswitch						



MDD 27A MDD 27AA MDD 27FA MDD 27FAA
MDD 17A MDD 17AA



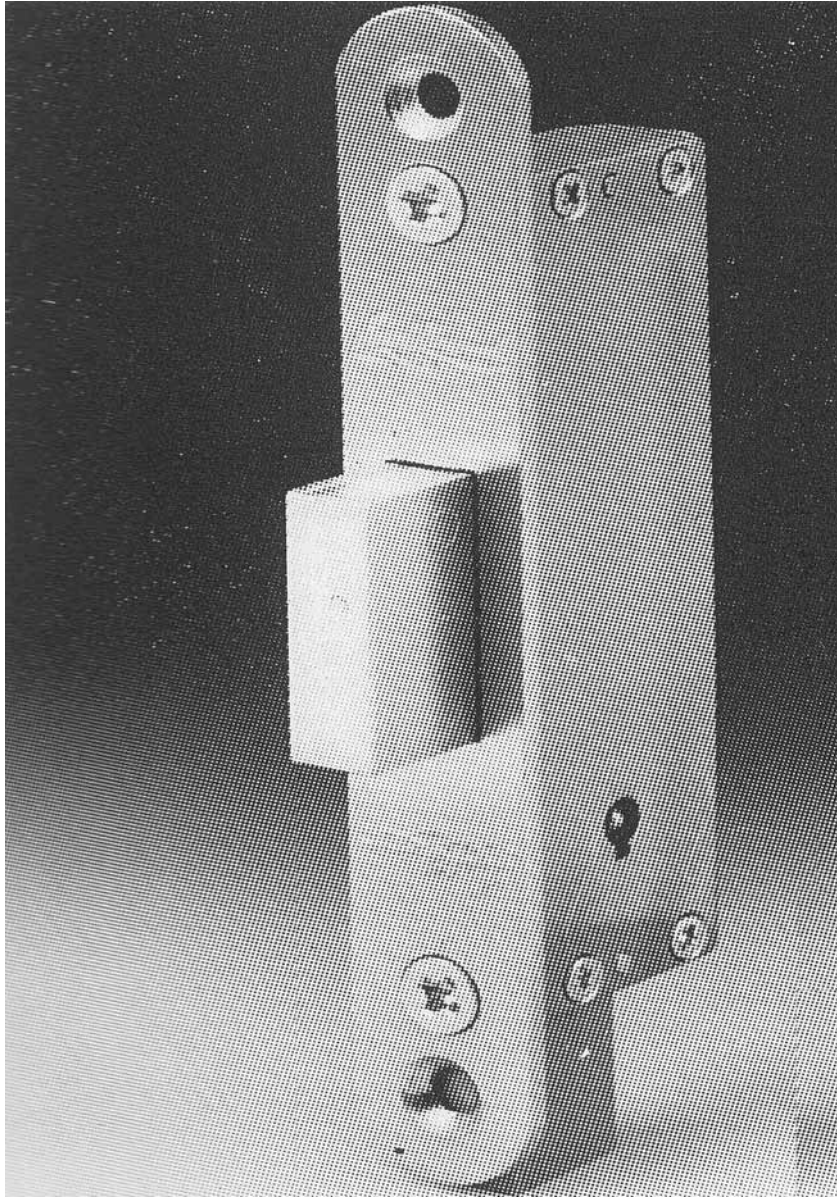
MDD 17KA MDD 17KAA



MD 27A MD 27AA MD 27FA MD 27FAA
MD 17A MD 17AA



MD 17KA MD 17KAA



NS 17A NS 17AA



NS 17KA NS 17KAA



VNS 27A VNS 27AA VNS 27FA VNS 27FAA

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Established 1784

History, Security and Style

Information to make life easy:

Managing Director: Jeremy Bramah

Sales Contact: Paul Babiszewski

Tel. No: + 44 (0)8700 272624

Fax: + 44 (0)20 7935 2779

Email: lock.sales@bramah.co.uk

Web: www.bramah.co.uk

Showroom Address: 31 Oldbury Place
London
W1U 5PT

Showroom Open: 8.30am to 5.30pm Monday to Friday
9.00am to 1.00pm Saturday

Our Trademarks: Bramah, Rola and Joseph Bramah

Types of Order accepted: Signed written orders by visit, letter, fax or email, subject to our normal terms, for delivery worldwide.

Payment accepted by: Cash, Cheques, Visa, Mastercard and Switch.

Company Reg. No. 289584 (Bramah Security Equipment Ltd)

Vat Registration No. GB 308 5979 22

Bankers: HSBC plc

Address: 17 Church Street, Sheffield, S1 1HH

Sort Code: 40-41-07

Account No. 11160427