



CERTIFICATE OF APPROVAL
No CF 111

This is to certify that, in accordance with
CERTIFIRE's Rules for Certification
The undermentioned products of

**INGERSOLL RAND SECURITY
TECHNOLOGIES - BRITON**

Bescot Crescent, Walsall, WS1 4DL
Tel: 01922 707400 Fax: 01922 646303

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

**Briton 2000 Series
Overhead Door Closers,
Briton 2100 Series
Overhead Door Closers.**

TECHNICAL SCHEDULE

**TS 34 - The Contribution Of
Controlled Door Closing Devices
And Accessories To Fire Resisting
Doorsets**

Signed and sealed for and on behalf of CERTIFIRE

Sir Ken Knight
Chairman - Management Council

Issued: 30th November 1998
Revised: 02nd July 2007
Valid to: 29th September 2009

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CERTIFICATE No CF 111
INGERSOLL RAND SECURITY
TECHNOLOGIES - BRITON

BRITON 2000/2100 SERIES OVERHEAD DOOR CLOSERS

1. Briton 2000/2100 series closers are overhead mounted door closing devices with adjustable power and integral backcheck and delayed action functions. The approval relates to the following specific closers:

Briton 2000 series:	i)	Briton 2003
	ii)	Briton 2004
	iii)	Briton 2003.T
	iv)	Briton 2003V
Briton 2100 series	i)	Briton 2110.L / 2110.S
	ii)	Briton 2120B.L / 2120B.S
	iii)	Briton 2110B.T.L / 2110B.T.S
	iv)	Briton 2130B.C / 2130B.L / 2130B.S
	v)	Briton 2130B.T.C / 2130B.T.L / 2130B.T.S
	vi)	Briton 2130B.TE.C / 2130B.TE.L / 2130B.TE.S
	vii)	LUL C6
	viii)	LUL C7
	ix)	LUL C8B

2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section D of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.

3. This approval relates to their use with the following door assemblies:-

Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 120 minutes (Code ITT).

Latched and unlatched door assemblies consisting of metallic leaves and frames having a fire resistance up to 240 minutes (Codes MM and IMM).

4. The closers are approved on the basis of:

- i) Initial type testing to EN1154/1155 and BS EN 1634-1: 2000
- ii) An appraisal against TS34
- iii) Certification of quality management system to ISO 9001: 2000.
- iv) Inspection and surveillance of factory production control
- n) Ongoing audit testing in accordance with EN 1154 requirements



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5. This approval is applicable only to the specified closers used with door assemblies of proven fire resistance (as defined in BS EN 1634-1: 2000 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).
6. The approval relates to on going production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.
7. The following table shows acceptable doorset types and fire resistance periods:

Class	Approved Door Type						
	IMM	MM	TT	ITT	ITM	ITC	TM
FD20	✓	✓	✗	✓	✗	✗	✗
FD30	✓	✓	✗	✓	✗	✗	✗
FD60	✓	✓	✗	✓	✗	✗	✗
FD120	✓	✓	✗	✓	✗	✗	✗
FD240	✓	✓	✗	✗	✗	✗	✗
E 20/EI 20	✓	✓	✗	✓	✗	✗	✗
E 30/ EI 30	✓	✓	✗	✓	✗	✗	✗
E 60/ EI 60	✓	✓	✗	✓	✗	✗	✗
E 90/ EI 90	✓	✓	✗	✓	✗	✗	✗
E 120/ EI 120	✓	✓	✗	✓	✗	✗	✗
E 240/ EI 240	✓	✓	✗	✗	✗	✗	✗

* Closer models Briton 2130B.C, Briton 2130B.T.C and Briton 2130B.TE.C only approved for up to 60 minutes for type MM and IMM doorsets.

See CERTIFIRE Technical Schedules for designation of doorset types i.e. ITT etc.



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Scope of Approval:

Doors may not include uninsulated glass above 20% of their total area.
The closers may not be fitted to timber doorsets without intumescent protection

Classification code

This approval provides the following classification for the closer listed above:

Briton 2003

4	8	3	1	1	3
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Briton 2004

4	8	4	1	1	3
---	---	---	---	---	---

Briton 2003.T

4	8	3	1	1	3
---	---	---	---	---	---

Briton 2003V

4	8	4 3	1	1	3
---	---	--------	---	---	---

Briton 2110.L / 2110.S

4	8	4 3	1	1	3
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Briton 2120B.L / 2120B.S

4	8	4 3	1	1	3
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Briton 2110B.T.L / 2110B.T.S

4	8	3	1	1	3
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Briton 2130B.C / 2130B.L / 2130B.S

4	8	6 3	1	1	3
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Briton 2130B.T.C / 2130B.T.L / 2130B.T.S

4	8	4 3	1	1	3
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Briton 2130B.TE.C / 2130B.TE.L / 2130B.TE.S

3	8	4 3	1	1	3
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LUL C6

4	8	4 3	1	1	3
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LUL C7

4	8	6 3	1	1	3
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LUL C8B

3	8	3 4	1	1	3
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Further Information

Further information regarding the details contained in this certificate may be obtained from Ingersoll Rand Security Technologies (Tel: 01922 707400).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).