



CERTIFICATE OF APPROVAL
No CF 388

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 1100 Series
Overhead Door Closers
referenced 1110,
1110T, 1120B, 1130B &
1130B.T**

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
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Issued: 12th November 2004
Revised: 02nd July 2007
Valid to: 11th November 2009





**CERTIFICATE No CF 388
INGERSOLL RAND SECURITY
TECHNOLOGIES - BRITON**

BRITON 1100 SERIES OVERHEAD DOOR CLOSERS

1. Briton 1100 series closers are overhead mounted door closing devices with adjustable power and integral backcheck functions. The approval relates to the following specific closers:
 - i) Briton 1110
 - ii) Briton 1110T
 - iii) Briton 1120B
 - iv) Briton 1130B
 - v) Briton 1130B.T

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).

4. The closers are approved on the basis of:
 - i) Initial type testing to EN1154 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
 - v) Ongoing audit testing in accordance with EN 1154 requirements

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.



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7. The following table shows acceptable doorset types and fire resistance periods:

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

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 codes

This approval provides the following classifications for the closer models listed below:

Briton 1110

3	8	4 3	1	1	3
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Briton 1110T

4	8	3	1	1	3
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Briton 1120B

4	8	4 3	1	1	3
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Briton 1130B

4	8	6 3	1	1	3
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Briton 1130B.T

4	8	4 3	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).