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## CERTIFICATE OF APPROVAL

### No CF 5023

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This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

## BOSS DOOR CONTROLS

4 Rutherford Square, Brucefield Industry Park,  
Livingston, West Lothian, EH54 9BU  
Tel: 01506 467477 Fax: 01506 467478

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

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**CERTIFIED PRODUCT**  
TS7.004 Overhead Door Closer

**TECHNICAL SCHEDULE**  
TS34 - The Contribution of  
Controlled Door Closing  
Devices and Accessories to  
Fire Resisting Doorsets

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager



Issued: 3<sup>rd</sup> November 2011  
Reissued: 13<sup>th</sup> July 2022  
Valid to: 30<sup>th</sup> October 2022



## CERTIFICATE No CF 5023 BOSS DOOR CONTROLS

### BOSS DOOR CLOSER – TS7.004

1. This approval applies to the Boss Door Controls TS7.004 overhead mounted door closing device, which is an electrically powered hold open and free swing fixed power closer with adjustable latch action, but excludes any mechanical hold open variants. The approval applies to the following configurations:

	TS7.004
<b>Link-arms</b>	
Projecting arm (Fig. 1) <i>Body door mounted on pull face</i>	✓
Projecting arm (Fig. 61) <i>Body transom mounted on push face</i>	✗
Parallel arm (Fig. 6) <i>Body door mounted on push face</i>	✓
<b>Slide arms</b>	
Body door mounted on pull face	✗
Body transom mounted on push face	✗
Body door mounted on push face	✗
Body transom mounted on pull face	✗

**Key:** ✓ - approved      ✗ - Not approved

*Note: Where alternative arms for non-fire applications are included within the packaging, the use of these components on fire resisting door assemblies will invalidate the certification.*

2. This approval relates to its 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 (CERTIFIRE Code ITT).**

**Latched and unlatched, door assemblies consisting of metal faced and edged leaves in metal frames, fully-insulated for the required classification period, with or without intumescent sealing, and having a fire resistance up to 240 minutes (Codes MM & IMM)**



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### BOSS DOOR CONTROLS

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#### BOSS DOOR CLOSER – TS7.004

3. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
4. The closer is approved on the basis of:
  - i) Initial type testing to EN1155 and BS EN 1634-1.
  - ii) An appraisal against TS34
  - iii) Inspection of quality management system
  - iv) Inspection and surveillance of factory production control
  - v) Ongoing audit testing in accordance with EN 1155 requirements
5. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
6. Where the closers are fitted to door leaves or frames that are manufactured from mineral composite-based materials, or low-density cellulosic-based material, the door assembly shall have previously been shown capable of accommodating the installation of closers at the head of the doorset, without detriment to the door assembly's performance.
7. This approval is applicable only to the specified closers when mounted in the applications stated above and under the classification codes section of this certificate and used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 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 1155).
8. The approval relates to ongoing production. Product and/or its immediate packaging is identified with the manufacturer's 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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### BOSS DOOR CLOSER – TS7.004

9. The following table shows acceptable doorsets types and fire resistance periods:

	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	✓*	✓*	✓	✗	✗
FD30	✓*	✓*	✓	✗	✗
FD60	✓*	✓*	✓	✗	✗
FD90	✓*	✓*	✓	✗	✗
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	✓*	✓*	✗	✗	✗

**Key:**

- ✓ - approved
- ✗ - Not approved
- ✓\* - Fully-insulated steel-based doorsets only.

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### BOSS DOOR CLOSER – TS7.004

10. Doors are classified as the following types:

**Type MM** - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that do not contain intumescent materials in the frame to leaf gap.

**Type IMM** - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that contain intumescent materials in the frame to leaf gap.

**Type ITT** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in timber frames

**Type ITM** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in metal frames.

**Type ITC** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

### Classification code

The approval provides the following classification:

TS7.004 – Projecting Arm (Figure 1) and parallel arm (Figure 6) applications only with adjustable latch action

<b>3</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>
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### Scope of Approval:

- Doors may not include uninsulated glass above 20% of their total area.
- All closer models are only approved in the fitting applications detailed with their classification codes.
- The closer may not be fitted to timber doorsets without intumescent protection.
- Closers are only approved for use on steel-based doorsets that are fully-insulated for the required classification period.



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**BOSS DOOR CLOSER – TS7.004**

**Further Information**

Further information regarding the details contained in this data sheet may be obtained from Boss Door Controls (Tel: 01506 467477).

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

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