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## CERTIFICATE OF APPROVAL

### No CF 5598

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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

## ALLEGION (UK) LIMITED

35 Rocky Lane, Aston, Birmingham, B6 5RQ  
Tel: +44 (0) 121 380 2400

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**  
**BRITON 3934 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 Exova (UK) Limited trading as  
Warrington Certification



Paul Duggan  
Certification Manager



Issued:  
Valid to:

4<sup>th</sup> December 2017  
4<sup>th</sup> July 2022

Page 1 of 6





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## CERTIFICATE No CF 5598

### ALLEGION (UK) LIMITED

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#### BRITON 3934 Door Closer

5. 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 1154).
6. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
7. 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.
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.

## CERTIFICATE No CF 5598 ALLEGION (UK) LIMITED

### BRITON 3934 Door Closer

9. The following table show acceptable doorset types and fire resistance periods:

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	x	x	✓	x	x
FD30	x	x	✓	x	x
FD60	x	x	✓	x	x
FD90	x	x	✓	x	x
FD120	x	x	✓	x	x
FD240	x	x	x	x	x
E 20	x	x	✓	x	x
EI 20	x	x	✓	x	x
E 30	x	x	✓	x	x
EI 30	x	x	✓	x	x
E 60	x	x	✓	x	x
EI 60	x	x	✓	x	x
E 90	x	x	✓	x	x
EI 90	x	x	✓	x	x
E 120	x	x	✓	x	x
EI 120	x	x	✓	x	x
E 240	x	x	x	x	x
EI 240	x	x	x	x	x

**Key:**

- ✓ - approved
- x - Not approved

**CERTIFICATE No CF 5598**  
**ALLEGION (UK) LIMITED**

**BRITON 3934 Door Closer**

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.

**Limitations 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.
- Mechanical hold open option is not approved.
- Standard projecting arm (Fig. 1 door or Fig.61 transom mounted) and parallel arm (Fig.66 / 6) brackets only are approved.

**Classification codes**

This approval provides the following EN1155 classifications for the closer:

Mounted in regular projecting arm Fig.1 application and transom mounted Fig. 61 - maximum 180° (Size 3) and 110° (Size 4) opening, with adjustable latch action:

3	8	4 3	1	1	3
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Mounted in parallel arm application - maximum 170° with adjustable latch action:

3	8	3	1	1	3
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**BRITON 3934 Door Closer**

**Further Information**

Further information regarding the details contained in this certificate may be obtained from Allegion (UK) Limited (Tel: +44 (0) 121 380 2400).

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

Page 6 of 6 Signed  
E/251

A handwritten signature in black ink, appearing to read "Paul Hogg", is written over the printed name.

Issued: 4<sup>th</sup> December 2017  
Valid to: 4<sup>th</sup> July 2022