



CERTIFICATE OF APPROVAL

No CF 5598

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:

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 Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued: 4th December 2017
Revised: 3rd July 2020
Valid to: 4th July 2022



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BRITON 3934 Door Closer

1. This approval applies to the Briton 3934 electrically powered hold open and free swing overhead door closer, but excludes mechanical hold open variants. The approval applies to the following configurations:

	Briton 3934
Link-arms	
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>	✓
Slide arms	✗

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).

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:
- Initial type testing to EN1154, EN1155 and BS EN 1634-1.
 - An appraisal against TS34
 - Inspection of quality management system
 - Inspection and surveillance of factory production control
 - Ongoing audit testing in accordance with EN 1154 requirements





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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.

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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

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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:





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3	8	3	1	1	3
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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).

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