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## CERTIFICATE OF APPROVAL

### No CF 5291

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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) LTD

35 Rocky Lane, Ashton Birmingham, B6 5RQ, United Kingdom  
TEL: 0121 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 2320B.T & 2321B.T  
Surface Mount Cam Action  
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



EWC-QU-FT-733 (Issue 2)

Issued: 14<sup>th</sup> January 2015  
Reissued: 17<sup>th</sup> February 2025  
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## CERTIFICATE No CF 5291 ALLEGION (UK) LIMITED

### BRITON 2320B.T & 2321B.T SURFACE MOUNT CAM ACTION CLOSERS

1. This approval relates to the following CAM action slide arm overhead mounted door closing devices and configurations:

|                       | Link-arms                                                     |                                                                   |                                                             | Slide 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> | Body door mounted on pull face | Body transom mounted on push face | Body door mounted on push face | Body transom mounted on pull face |
| <b>Briton 2320B.T</b> | ✘                                                             | ✘                                                                 | ✘                                                           | ✓                              | ✓                                 | ✘                              | ✘                                 |
| <b>Briton 2321B.T</b> | ✘                                                             | ✘                                                                 | ✘                                                           | ✘                              | ✘                                 | ✓                              | ✓                                 |

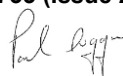
**Key:** ✓ - approved                      ✘ - Not approved

*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 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.
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, intumescent sealed door assemblies 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 having a fire resistance up to 120 minutes (Code ITC).**
4. The closers shall only be fitted to ITC doorsets which have previously been shown capable of accommodating the installation of surface mounted overhead closers at the head of the doorset, without detriment to the doorset's performance.
5. The closers are approved on the basis of:
- i) Initial type testing to EN1154 and BS EN 1634-1
  - ii) An appraisal against TS34
  - iii) Inspection of quality management system
  - iv) Inspection and surveillance of factory production control

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Signed  
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v) Ongoing audit testing in accordance with EN 1154 requirements  
**BRITON 2320B.T & 2321B.T SURFACE MOUNT CAM ACTION CLOSERS**

6. This approval is applicable only to the specified closers used in the mounting configurations stated in the classification codes section of this certificate, 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). The approval does not cover models with a mechanical hold open facility.
7. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
8. Where the closers are fitted to door leaves or frames that are manufactured from mineral-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.
9. Timber based doorset shall be installed in accordance with BS 8214.
10. The approval relates to on-going 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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11. The following table shows acceptable doorset types and fire resistance periods:

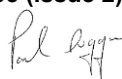
| Class  | Approved Door Type |    |     |     |     |
|--------|--------------------|----|-----|-----|-----|
|        | IMM                | MM | ITT | ITM | ITC |
| FD20   | x                  | x  | ✓   | x   | ✓   |
| FD30   | x                  | x  | ✓   | x   | ✓   |
| FD60   | x                  | x  | ✓   | x   | ✓   |
| FD120  | x                  | x  | ✓   | x   | ✓   |
| FD240  | x                  | x  | x   | x   | x   |
| E 20   | x                  | x  | ✓   | x   | ✓   |
| EI 20  | x                  | x  | ✓   | x   | ✓   |
| E 30   | x                  | x  | ✓   | x   | ✓   |
| EI 30  | x                  | x  | ✓   | x   | ✓   |
| E 60   | x                  | x  | ✓   | x   | ✓   |
| EI 60  | x                  | x  | ✓   | x   | ✓   |
| E 90   | x                  | x  | ✓   | x   | ✓   |
| EI 90  | x                  | x  | ✓   | x   | ✓   |
| E 120  | x                  | x  | ✓   | x   | ✓   |
| EI 120 | 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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### BRITON 2320B.T & 2321B.T SURFACE MOUNT CAM ACTION CLOSERS

12. 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.

#### Scope of Approval:

- Doors may not include uninsulated glass above 20% of their total area. Uninsulated glass shall not be included directly beneath the door closer body
- The closers may not be fitted to timber doorsets without perimeter intumescent fire seals to the frame rebate or door edge.
- Mechanical Hold open option is not approved
- The following functions are supported by this certification:

| Closer Ref. | Backcheck | Delayed-Action |
|-------------|-----------|----------------|
| 2320B.T     | ✓         | ✗              |
| 2321B.T     | ✓         | ✗              |

#### Classification codes

This approval provides the following classifications for the closers:

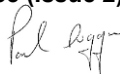
|   |   |        |   |   |   |
|---|---|--------|---|---|---|
| 4 | 8 | 4<br>3 | 1 | 1 | 3 |
|---|---|--------|---|---|---|

*Note: power ratings shall be appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).*

### BRITON 2320B.T & 2321B.T SURFACE MOUNT CAM ACTION CLOSERS

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**ALLEGION (UK) LIMITED**

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**Further Information**

Further information regarding the details contained in this certificate may be obtained from Allegion (UK) Limited (Tel: 0121 380 2400).

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

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