astra® DOOR CONTROLS Innovate or Stagnate DESIGNED & MANUFACTURED IN THE **UNITED KINGDOM**

ASTRA DOOR CONTROLS 4003 DECLARATION OF PERFORMANCE

DoP number:

AST8005

1. Unique identification code of the product type:

AST4001 (BFS, CFS, SFS, DBS, ABS, BZS, CPS, BFR, CFR, SFR, DBR, ABR, BZR, CPR) concealed door control.

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

AST4001 series concealed door control.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

On fire and smoke compartmentation doors (to fulfil the self-closing requirements of such doors).

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Astra Door Controls, Astra Business Centre, Roman Way, Preston PR2 5AP, United Kingdom.

5. Where applicable, name and contact address of the authorised representative of the manufacturer as required under Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN1154: 1997: A1: 2002 Notified Product Certification Body number 2831 performed the determination of the product type on the basis of type testing (including sampling); assessment and evaluation of factory production control; and issued the certificate of consistency of performance of the product.

8. European Technical assessment:

N/A

9. Declared Performance:

Essentialcharacteristic Self closing	Performance	harmonised technical specification
5.2.1 General		EN1154: 1997: A1: 2002
Application	Concealed in the door blade.	
5.2.2 Durability	500,000 test cycles.	
5.2.3 Closing moment	Pass size 1.	
5.2.4. Opening moment	Pass size 1.	
5.2.5. Efficiency	More than 55% size 1.	
5.2.6 Closing time	Pass – After 5,000 and 500,000 test cycles, the closing time from an open angle of 90° was capable of adjustment to 3 seconds or less, and 20 seconds or more. After 500,000 test cycles, the closing time set at 5,000 test cycles did not increase by more than 100% or decrease by more than 30%.	
5.2.7. Angles of operation	Grade 3 - 105°.	
5.2.8. Overload performance	Pass.	
5.2.9. Temperature dependence	-15°C to +40°C.	
5.2.10. Fluid leakage	Pass – no leakage.	
5.2.11. Damage performance to the standard.	Pass – no damage to the closer that would adversely affect its	
5.2.12. Latch control	Pass – effective over maximum range of 15° from closed position.	
5.2.13. Back check	NPD	
5.2.14. Delayed closing	NPD	
5.2.15. Adjustable closing force	NPD	
5.2.16. Zero position (double action only)	NPD	
5.2.18. Fire/smoke doors	Pass – see other documents for details.	

astra® DOOR CONTROLS Innovate or Stagnate DESIGNED & MANUFACTURED IN THE **UNITED KINGDOM**

Essential Characteristic durability of self closing	Performance
5.2.2 Durability	Pass – 500,000 test cycles.
5.2.17.1 Corrosion	Grade 3.
5.2.17.2 Corrosion	Pass – after the salt spray test, the closing moment of the door closer was not less than 80% of that measured prior to the test.
Dangerous substances Annex ZA3	The materials in the product(s) do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.

1. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and behalf of the manufacturer by:

Managing Director
Philip Gallagher

Date of issue 7th May 2025

Astra Door Controls Limited

Astra Business Centre, Roman Way, Preston PR2 5AP, United Kingdom