

DECLARATION OF PERFORMANCE (DoP)

No. 10029-ELC-2019/04/04

1. Unique identification code of the product type:

Halton Exe Light Circular (ELC)

Fire damper, fire resistance classes

E 120 (v_e h_o i<->o) S

E 90 (v_e i<->o) S

E 60 (h_o i<->o) S

2. Intended use:

To be used on in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations.

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

**Halton Oy
Haltonintie 1-3
47400 Kausala
FINLAND
Tel. +358 (0)20792 200**

4. System of AVCP:

**System 1
See Regulation (EU) No. 305/2011 (CPR) Annex V, 1.2.**

5. Harmonised standard:

EN 15650: 2010

6. Notified body:

**Notified body No. 2434
Centrum Techniki Okrętowej S.A. (CTO)
Product Certification Division
Szczecińska 65, 80-392 Gdańsk, Poland
CE certificate of Constancy of Performance, no: 2434-CPR-0035**

7. Declared performance/s of Halton Exe Light Circular (ELC)

| Essential characteristics | Requirements of EN 15650 | Findings | Conformity Assessment |
|--|--------------------------|--|-----------------------|
| Nominal activation conditions/sensitivity: | 4.2.1.2 | Comply with EN 15650, 4.2.1.2 | Conforms |
| - sensing element load bearing capacity | 4.2.1.2.2 | Comply with EN 15650, 5.2.5, ISO 10294-4:2001, 4.2 | Conforms |
| - sensing element response temperature | 4.2.1.2.3 | Comply with EN 15650, 5.2.5, ISO 10294-4:2001, 4.2 | Conforms |
| Response delay (response time): - closure time | 4.2.1.3 | < 2 min, according to EN 15650, 5.2.4, EN 1366-2, 10.4.6 | Conforms |
| Operational reliability: - cycling | 4.3.1, a) | 50 cycles performed prior to test | Conforms |
| Fire resistance | | | |
| - Integrity | 4.1.1, a) | E | Conforms |
| - Insulation | 4.1.1, b) | - | NPD |
| - Smoke leakage | 4.1.1, c) | S | Conforms |
| - Mechanical stability (under E) | 4.1.1, a) | - | Conforms |
| - Maintenance of the cross section (under E) | 4.1.1, a) | - | Conforms |
| Durability of response delay: - sensing element response to temperature and load bearing capacity | 4.2.1.2.2 4.2.1.2.3 | Requirements on sensing element fulfilled according to EN 15650, 4.2.1.2 | Conforms |
| Durability of operational reliability: - open and closing cycle tests | 4.3.3.2 | Cycling test performed 300 (manual actuator) 10 000 (thermo-electrical actuator) according to EN 15650, Annex C.3.2 | Conforms |

8. The performance of the product identified in point 1 is in conformity with the set of declared performance/s.
This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 (CPR), under the sole responsibility of the manufacturer identified in point 3.

Copy of Declaration of Performance (DoP) for Halton Exe Light Circular (ELC) is available on website:

www.halton.com

Signed for and on behalf of the manufacturer by:

Raimo Parkkila – Manager, System and Product Development

Kausala, 04.04.2019

