



EC DECLARATION OF PERFORMANCE

RAM-F-024 A

Smoke Shield PTC I/F fire damper
Smoke Shield PTC DWFX-F fire damper
Smoke Shield PTC DWFX-C fire damper
Smoke Shield PTC S&A fire damper
Smoke Shield PTC OSF fire damper

Complying with the following EU Regulation:
305/2011/EEC : Construction Products Regulation

Swegon Air Management LTD
Actionair, South Street, Whitstable, Kent CT5 3DU

System 1

BRE Global Limited - NB0832

Performed the determination of the product type on the basis of type testing (including sampling), and the initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory control under system 1 and issued the certificate of constancy of conformity of the factory production control (0832-CPR-P0002)

Declared performance according to:
BS EN 15650 'Ventilation for buildings: Fire Dampers'

REQUIRED PERFORMANCES ACCORDING TO BS EN 15650:2010

Fire resistance according to EN 1366-2 and classifications according to EN 13501-3:

RANGE	TYPE	WALL / FLOOR	CLASSIFICATION
200-1000mm X 200-1000mm	SS I/F (AAF10700 & AAF8018)	Floor	E120(ho i↔o)S - (300Pa)
200-1000mm X 200-1000mm	SS I/F (AAF10702)	Rigid Wall	E120(ve i↔o)S - (300Pa)
200-1000mm X 200-1000mm	SS DWFX-F (AAF10704, AAF10706 AAF10710, AAF7012)	Flexible & rigid Wall	E120(ve i→o)S - (300Pa)
200-1000mm X 200-1000mm	SS DWFX-C (AAF10708 AAF10730)	Flexible Wall	E120(ve i→o)S - (300Pa)
200-1000mm X 200-1000mm	SS S&A (AAF10724)	Floor	E90(ho i→o)S - (300Pa)
200-1000mm X 200-1000mm	SS S&A (AAF10724)	Floor	E120(ho i→o) - (300Pa)
200-1000mm X 200-1000mm	SS S&A (AAF10714 & 10716)	Wall	E120(ho i→o)S - (300Pa)
200-1000mm X 200-1000mm	SS OSF (RD14699)	Floor	E90(ho i→o)S - (300Pa)
200-1000mm X 200-1000mm	SS OSF (RD14699)	Floor	E120(ho i→o) - (300Pa)
200-1000mm x 200-1000mm	SS DWFX-F (AAF11945, AAF12394) Slab Fixing	Flexible & rigid Wall	E120(ve i→o)S - (300Pa)

Nominal activation conditions/sensitivity according to ISO 10294-4

- Sensing element - Response behaviour
- Sensing element - Faulty set-off

Pass

Response delay (response time) according to EN 1366-2:

- closure time

Pass

Operational reliability according to EN 1366-2:

- cycling

Pass

Durability of response delay according to EN 1366-2:

- sensing element response temperature and load bearing capacity

Pass

Durability of operational reliability according to EN 15650:

- open and closing cycle

10,000 cycles nominal voltage - Pass
 Additionally - 25,000 cycles nominal voltage - Pass
 100 cycles nominal voltage -10% - Pass
 100 cycles nominal voltage +15% - Pass

OPTIONAL PERFORMANCES ACCORDING TO EN 15650 AND NATIONAL REQUIREMENTS

Protection against corrosion according to EN 60068-2-52:

Pass

Damper casing leakage according to EN 1751:

Class C

Damper blade leakage according to EN 1751:

Class 3

Signed for and on behalf of the manufacturer by:

Tobias Bohlin

Chief Operation Officer

South street,

Whitstable,

Kent,

England


