

Declaration of Performance Rasch fire dampers

No: DoPB0206001

Product model:

BSK120 / BSK4

Type number and specification according to the product label.

Intended use:

To prevent fire and combustion gases in the ventilation system between compartments in buildings according to the harmonized European standard EN 15650:2010.

Manufacturer

Rasch AB
Norrsten
Motala
www.rasch.se

Assessment system and factory product control of the products performance:

System 1

Product certification:

The notified body number 0402 SP, Technical Research of Sweden has performed control according to system 1.

- Initial type testing and initial inspection of the factory and the factory production control system
- Continuous surveillance, assessment and approval of factory production control and issued the certificate: no. 0402 - CPR – SC0206-13

Performance defined:

Essential characteristics	Classification/Performance	Standard
Normal activation/sensitivity -Sensing element load bearing capacity -Sensing element response temperature	Pass	ISO 10294-4:2001
Response delay (response time) -Closure time	Pass	EN 1366-2:1999
Operational reliability -Cycling	50 cycles, Pass	EN 1366-2:1999
Fire resistance:		
-Integrity (E)	E120 (ve ho i↔o) E90 (ve ho i↔o)	EN 1366-2:1999 EN 13501-3:2005+A1:2009
-Insulation (EI)	EI120 (ve ho i↔o) EI90 (ve ho i↔o)	EN 1366-2:1999 EN 13501-3:2005+A1:2009
-Smoke leakage(-S)	EI120 (ve ho i↔o) S EI90 (ve ho i↔o) S	EN 1366-2:1999 EN 13501-3:2005+A1:2009
Mechanical stability	Pass	EN 1366-2:1999
Maintenance of the cross section	Pass	EN 1366-2:1999
Durability of response delay: -sensing element response to temperature and load bearing capacity	Pass	ISO 10294-4:2001
Durability of operational reliability: -open and closing cycle tests	10 000 cycles, Pass	EN 15650:2010

Performances of BSK120 / BSK4 conform to performance by the above list.

The declaration of performance has established under Rasch AB own responsibility.

Signed for the manufacture



Anders Freyschuss CEO
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