Zug, 2022-03-07
Siemens Schweiz AG

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Dr. Peter Nebiker
Head of Fire Safety

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Irina Penzo Feliu de Cabrera
Quality Manager Fire Safety

Declaration of performance No UKP210326

This declaration of performance has been issued on the basis of the Construction Products Regulations 2013 and has no significance beyond this context. In particular, without limitation, this declaration does not contain any legal relevant declarations, such as in respect to quality, durability, usability, or warranty and liability commitments of any kind. These aspects are subject to agreement on a case-by-case basis at the time when the contract is concluded. The safety information in the applicable product documentation must be observed. You can obtain the latest version of the product documentation, as well as the declarations of performance and declarations of conformity, by contacting the Customer Support Center on +49 89 9221-8000 or by visiting https://siemens.com/bt/download.

Product type:

FDCI723

Product description:

Input/output device incl. short-circuit isolator

Product variants:

FDCI723

Components:

FDCH221 FDCM291

Intended use/es:

Fire safety

Manufacturer:

Siemens Schweiz AG, Theilerstrasse 1a, CH-6300 Zug

System/s of AVCP:

System 1

Harmonised standard:

EN 54-17:2005 + AC:2007 | EN 54-18:2005 + AC:2007

Notified body/ies:

0832, BRE Global Limited

Declared performance/s:

EN 54-17:2005 + AC:2007		
Essential characteristics	**Section**	**Performance**
Performance in the event of fire		
Manufacturing tolerance	5.2	Passed
Operational reliability		
Requirements	4	Passed
Stability of operational reliability, temperature resistance		
Dry heat (during operation)	5.4	Passed
Cold (during operation)	5.5	Passed

EN 54-17:2005 + AC:2007		
Essential characteristics	**Section**	**Performance**
Stability of operational reliability, vibration resistance		
Impact (during operation)	5.9	Passed
Blow (during operation)	5.10	Passed
Oscillation, sinusoidal (during operation)	5.11	Passed
Oscillation, sinusoidal (endurance test)	5.12	Passed
Stability of operational reliability, air humidity resistance		
Humid heat, cyclical (during operation)	5.6	Passed
Humid heat, constant (endurance test)	5.7	Passed
Stability of operational reliability, corrosion resistance		
Sulphur dioxide (SO_2) corrosion (endurance test)	5.8	Passed
Stability of operational reliability, electrical stability		
Fluctuations in supply voltage	5.3	Passed
Electromagnetic compatibility (EMC), interference immunity tests (during operation)	5.13	Passed

EN 54-18:2005 + AC:2007		
Essential characteristics	**Section**	**Performance**
Response delay (response time in the event of alarm)		
Performance and fluctuation of supply parameters	5.2	Passed
Performance in the event of fire		
Function tests	5.1.4	Passed
Operational reliability		
Function tests	5.1.4	Passed
Stability of operational reliability, temperature resistance		
Dry heat (during operation)	5.3	Passed
Cold (during operation)	5.4	Passed
Stability of operational reliability, vibration resistance		
Impact (during operation)	5.8	Passed
Blow (during operation)	5.9	Passed
Oscillation, sinusoidal (during operation)	5.10	Passed
Oscillation, sinusoidal (endurance test)	5.11	Passed
Stability of operational reliability, air humidity resistance		
Humid heat, cyclical (during operation)	5.5	Passed
Humid heat, constant (endurance test)	5.6	Passed
Stability of operational reliability, resistance to corrosion		
Sulphur dioxide (SO_2) corrosion (endurance test)	5.7	Passed
Stability of operational reliability, electrical stability		
Performance and fluctuation of supply parameters	5.2	Passed
Electromagnetic compatibility (EMC), interference immunity tests	5.12	Passed

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 the Construction Products Regulations 2013, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

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Head of Fire Safety

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Quality Manager Fire Safety

For signatures, see front page