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**DECLARATION OF PERFORMANCE**  
**according to Construction Product Regulation EU N° 305/2011**

**n° 001DOP2020**

*1 – Unique identification code of the product-type:*

**EXFIRE360 – Fire detection and fire alarm panel**

*2 – Intended use/es:*

**EXFIRE360**  
**Control and Indicating Equipment with integrated Power Supply Equipment**  
**for use in fire detection and fire alarm systems installed in buildings**

**EXREMOTE PANEL**  
**Remote input/output expansion with integrated Power Supply Equipment**  
**for use in fire detection and fire alarm systems installed in buildings**

*3 – Manufacturer:*

**SV Sistemi di Sicurezza Srl**  
**Via Matteotti, 55/57**  
**24050 – Grassobbio, Bergamo**  
**ITALY**

*4 – Authorised representative:*

**Not Applicable**

*5 – System/s of AVCP:*

**System 1**

*6a – Harmonised standard:*

**EN 54-2:1997+A1:2006**  
Fire detection and fire alarm systems - Part 2: Control and indicating equipment

**EN 54-4:1997+A1:2002+A2:2006**  
Fire detection and fire alarm systems - Part 4: Power supply equipment

*Notified body/ies:*

**IMQ ISTITUTO ITALIANO DEL MARCHIO DI QUALITÀ S.p.A. – 0051**

*Certificate of Constancy of performance:*

**0051 – CPR – 0369**

*6b – European assessment document:*

**Not Applicable**



7 – Declared performance/s:

Control and Indicating Equipment

Essential characteristics	Performance	Harmonised technical specification	Clause
<u>Performance under fire conditions</u>			
General requirements	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	4
General requirements for indications	As per specified requirements		5
The fire alarm condition	As per specified requirements		7
<u>Response delay (response time to fire)</u>			
Reception and processing of fire signals	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	7.1
Output of the fire alarm condition	As per specified requirements		7.7
Delays to outputs (option with requirements)	As per specified requirements		7.11
Coincidence detection – type C coincidence (option with requirements)	As per specified requirements		7.12
<u>Operation reliability</u>			
General requirements	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	4
General requirements for indications	As per specified requirements		5
The quiescent condition	As per specified requirements		6
The fire alarm condition	As per specified requirements (including those relating to options with requirements specified for the product)		7
Fault warning condition	As per specified requirements (including those relating to options with requirements specified for the product)		8
Disabled condition	As per specified requirements (including those relating to options with requirements specified for the product)		9
Test condition (option with requirements)	As per specified requirements		10
Standardized input/output interface (option with requirements)	As per specified requirements		11



Essential characteristics	Performance	Harmonised technical specification	Clause
Design requirements	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	12
Additional design requirements for software-controlled control and indicating equipment	As per specified requirements		13
Marking	As per specified requirements		14
<u>Durability of operational reliability, temperature resistance</u>			
Cold (operational)	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	15.4
<u>Durability of operational reliability, vibration resistance</u>			
Impact (operational)	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	15.6
Vibration, sinusoidal (operational)	As per specified requirements		15.7
Vibration, sinusoidal (endurance)	As per specified requirements		15.15
<u>Durability of operational reliability, electrical stability</u>			
Electromagnetic compatibility (EMC), immunity tests (operational)	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	15.8
Supply voltage variation (operational))	As per specified requirements		15.13
<u>Durability of operational reliability, humidity resistance</u>			
Damp heat, steady state (operational)	As per specified requirements	<b>EN 54-2:1997+A1:2006</b>	15.5
Damp heat, steady state (endurance)	As per specified requirements		15.14

Power Supply Equipment

Essential characteristics	Performance	Harmonised technical specification	Clause
<u>Performance of power supply</u>			
General requirements	As per specified requirements	<b>EN 54-4:1997+A1:2002 +A2:2006</b>	4
Functions	As per specified requirements		5
Materials, design and manufacture	As per specified requirements		6



Essential characteristics	Performance	Harmonised technical specification	Clause
<u>Operational reliability</u>			
General requirements	As per specified requirements	<b>EN 54-4:1997+A1:2002+A2:2006</b>	4
Functions	As per specified requirements		5
Materials, design and manufacture	As per specified requirements		6
Documentation	As per specified requirements		7
Marking	As per specified requirements		8
<u>Durability of operational reliability, temperature resistance</u>			
Cold (operational)	As per specified requirements	<b>EN 54-4:1997+A1:2002+A2:2006</b>	9.5
<u>Durability of operational reliability, vibration resistance</u>			
Impact (operational)	As per specified requirements	<b>EN 54-4:1997+A1:2002+A2:2006</b>	9.7
Vibration, sinusoidal (operational)	As per specified requirements		9.8
Vibration, sinusoidal (endurance)	As per specified requirements		9.15
<u>Durability of operational reliability, electrical stability</u>			
Electromagnetic compatibility (EMC), immunity tests (operational)	As per specified requirements	<b>EN 54-4:1997+A1:2002+A2:2006</b>	9.9
<u>Durability of operational reliability, humidity resistance</u>			
Damp heat, steady state (operational)	As per specified requirements	<b>EN 54-4:1997+A1:2002+A2:2006</b>	9.6
Damp heat, steady state (endurance)	As per specified requirements		9.14

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 on behalf of the manufacturer by:

*Fabio Massimo Turani*

**Fabio M. Turani**  
 Technical Department  
 Grassobbio, Bergamo  
 06<sup>th</sup> July 2020