Declaration of Performance – DOP0000076 EU

According to Construction Products Regulation EU N° 305/2011

1. Unique Product identification code:

ZFP1/CA, ZFP2/CA, ZFP4/CA, ZFP1/40/CA, ZFP2/40/CA, ZFP4/40/CA

2. Type number allowing identification of the construction product as required pursuant to Article 11(4):

ZFP 1 Loop Analogue Addressable Control and Indicating Equipment, 5A PSU, CAST Protocol (ZFP1/CA)
ZFP 2 Loop Analogue Addressable Control and Indicating Equipment, 5A PSU, CAST Protocol (ZFP2/CA)
ZFP 4 Loop Analogue Addressable Control and Indicating Equipment, 5A PSU, CAST Protocol (ZFP4/CA)
ZFP 1 Loop Analogue Addressable Control and Indicating Equipment, 5A PSU, 40 Zone Indication, CAST Protocol (ZFP1/40/CA)
ZFP 2 Loop Analogue Addressable Control and Indicating Equipment, 5A PSU, 40 Zone Indication, CAST Protocol (ZFP2/40/CA)
ZFP 4 Loop Analogue Addressable Control and Indicating Equipment, 5A PSU, 40 Zone Indication, CAST Protocol (ZFP4/40/CA)

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Control and indicating equipment for use in Fire detection and fire alarm systems to
EN 54-2: 1997 + A1: 2006

Power supply equipment for use in Fire detection and fire alarm systems to
EN 54-4: 1997 + A2: 2006

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

Computionics Limited (C-TEC)
Challenge Way, Martland Park, Wigan, WN5 0LD. United Kingdom
Tel: 01942 322744. Fax: 01942 829867

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not Applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. Notified body, in the case of the declaration of performance concerning a construction product covered by a harmonized standard:

Loss Prevention Certification Board (LPCB) (Notified Body Number 2831)
BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road,
Glasnevin, Dublin, D11 KXN4
Ireland

has performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and approval of the factory production control under system 1 and issued following certificate of constancy of performance:

ZFP1/CA: 2831-CPR-F4508
ZFP2/CA: 2831-CPR-F4509
ZFP4/CA: 2831-CPR-F4510
ZFP1/40/CA: 2831-CPR-F4511
ZFP2/40/CA: 2831-CPR-F4512
ZFP4/40/CA: 2831-CPR-F4513

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: Not applicable, see item 7

9(a). Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in 3. above have been determined as described in the hEN mentioned in the following table.

Harmonised Technical Specification		**EN 54-2: 1997 + A1: 2006**
Essential Characteristics	**Performance**	**Clause**
Performance under fire conditions		
- General requirements	Pass	4
- General requirements for indications	Pass	5
- The fire alarm condition	Pass	7
Response delay (response time to fire)		
- Reception and processing of fire signal	Pass	7.1
- Output of the fire alarm condition	Pass	7.7
- Output to fire alarm device(s) (option with requirements)(1)	Pass	7.8
- Delays to outputs (option with requirements)(1)	Pass	7.11
- Dependencies on more than one alarm signal (option with requirements)(1)	Pass	7.12
- Type A dependency (option with requirements)(1)	Pass	7.12.1
- Type B dependency (option with requirements)(1)	Pass	7.12.2
- Type C dependency (option with requirements)(1)	NPD	7.12.3
- Alarm Counter (option with requirements)(1)	Pass	7.13
Operational reliability		
- General requirements	Pass	4
- General requirements for indications	Pass	5
- The quiescent condition	Pass	6
- The fire alarm condition	Pass	7
- Fault warning condition	Pass	8
- Fault signals from points (option with requirements)(1)	Pass	8.3
- Disabled condition	Pass	9
- Disablement of addressable points (option with requirements)(1)	Pass	9.5
- Test condition (option with requirements)(1)	Pass	10
- Standardized input/output interface (option with requirements)(1)	NPD	11
- Design requirements	Pass	12
- Additional design requirements for software controlled control and indicating equipment	Pass	13
- Marking	Pass	14
Durability of operational reliability, Temperature resistance		
- Cold (operational)	Pass	15.4
Durability of operational reliability, Vibration resistance		
- Impact (operational)	Pass	15.6
- Vibration, sinusoidal (operational)	Pass	15.7
- Vibration, sinusoidal (endurance)	Pass	15.15
Durability of operational reliability, Electrical stability		
- Electrical Compatibility (EMC), Immunity tests	Pass	15.8
- Supply voltage variation (operational)	Pass	15.13
Durability of operational reliability: humidity resistance		
- Damp heat, steady state (operational)	Pass	15.5
- Damp heat, steady state (endurance)	Pass	15.14
(1) For compliance with this standard it is not necessary to provide the optional functions specified in the standard. However, if a manufacturer chooses to include any of these options in the equipment, then the associated requirements shall be met and have to be included in type testing and certification.		

9(b). Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in 3. above have been determined as described in the hEN mentioned in the following table.

Harmonised Technical Specification		**EN 54-4: 1997 + A2: 2006**
Essential Characteristics	**Performance**	**Clause**
Performance of power supply		
- General requirements	Pass	4
- Functions	Pass	5
- Materials, design and manufacture	Pass	6
Operational reliability		
- General requirements	Pass	4
- Functions	Pass	5
- Materials, design and manufacture	Pass	6
- Documentation	Pass	7
- Marking	Pass	8
Durability of operational reliability (temperature resistance)		
- Cold (operational)	Pass	9.5
Durability of operational reliability (vibration resistance)		
- Impact (operational)	Pass	9.7
- Vibration, sinusoidal (operational)	Pass	9.8
- Vibration, sinusoidal (endurance)	Pass	9.15
Durability of operational reliability (electrical stability)		
- Electrical Compatibility (EMC), - Immunity tests (operational)	Pass	9.9
Durability of operational reliability (humidity resistance)		
- Damp heat, steady state (operational)	Pass	9.6
- Damp heat, steady state (endurance)	Pass	9.14
Products covered by this standard are assumed to function during the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.		

10. Empowered Signatory of Company

Name: Daniel Foster

Position: Head of Science

Signature:

Date: 1 March 2022