



EU Declaration of Performance

Declaration number: **PFD-CPR-0183**

In accordance with Construction Product Regulation (EU) No 305/2011

1. Unique identification code of the product-type:
Part name: 6000 Loop Powered 4-Way Input/Output Interface Part number: 6000/LP4IO
2. Object product of identification:
Input/output device for fire detection and fire alarm systems for buildings & Short-circuit isolator for fire detection and fire alarm systems for buildings
3. Intended use of the construction product:
Fire detection and fire alarm systems for use in and around buildings.
4. Manufacturer name and address:
Name: Protec Fire Detection plc
Address: Protec House, Churchill Way, Nelson, Lancashire, BB9 6RT, England
Tel: +44 (0)1282 717171 Web: www.protec.co.uk
5. Name and contact address of authorized representative whose mandate covers the tasks specified in Article 12(2)
Not applicable.
6. System of assessment and verification of constancy of performance of the construction product (Annex V):
System 1
7. Where concerning a construction product covered by a harmonized standard validated by a notified body and issued certificate information:

| | |
|----------------------------|---|
| Notified Body: Kiwa | Certificate Number: 0063-CPR-252190003 |
|----------------------------|---|

Notified Body Address:
KIWA Nederland B.V., Kiws FSS Products, Wilmersdorf 50, Postbus 137, 7300 AC Apeldoorn, The Netherlands
Phone :+31 (0)88 998 36 18
Email : info@kiwa.nl
Website : <https://www.kiwa.com/nl/en/specials/fire-safety-and-security/>
Notified Body number : 0063
8. In the case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
Not applicable



9. The object product of the declaration described in 1 & 2 is in conformity with the relevant Construction Product Regulation (CPR) Harmonised European standard(s) (hEN):

| EN 54-17:2005 + AC:2007 Fire detection and fire alarm systems - Short-circuit isolators | |
|--|--|
| Essential Characteristics | Clause |
| Performance under fire conditions | 5.2 |
| Operational Reliability | 4 |
| Durability of Operational Reliability | 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11, 5.12 |
| Durability of Operational Reliability, Electrical Stability | 5.3, 5.13 |

| EN 54-18:2005 + AC:2007 Fire detection and fire alarm systems - Input/Output Devices | |
|---|---|
| Essential Characteristics | Clause |
| Response Delay (response time) | 5.2 |
| Performance under fire conditions | 5.1.4 |
| Operational Reliability | 5.1.4 |
| Durability of Operational Reliability | 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11 |
| Durability of Operational Reliability, Electrical Stability | 5.2, 5.12 |

10. The performance of the product identified in 1 & 2, is in conformity with the declared performance in 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.




EU Declaration of Conformity

In accordance with European Parliament and Council Decision No 768/2008/EC Annex III

This Declaration of Performance also serves as a **CE Declaration of Conformity** for the product regarding the following additional European Union Directives.

References to the relevant harmonised standards used, or references to the specifications in relation to which conformity is declared:

|  EU (CE) Legislation | Standards (Designed, Harmonised or other) |
|---|--|
| Electromagnetic Compatibility Directive [EMC] 2014/30/EU <i>According to the harmonised standards published in the EU Official Journal – last update 19/09/2022</i> | BS EN 50130-4:2011+A1:2014 Product Family Standard - Alarm systems. Immunity for components of fire, intruder, hold up, CCTV, access control and social alarm systems BS EN IEC 61000-6-1:2007 [OJ 173 - 13/05/2016] ¹ Immunity for residential, commercial, and light- industrial environments BS EN IEC 61000-6-3:2007/A1:2011 [OJ 173 - 13/05/2016] ¹ Emission standard for residential, commercial and light-industrial environment |
| Electromagnetic Compatibility [EMC] Compliance <i>(Latest standard revision not harmonised in 2014/30/EU)</i> | BS EN IEC 61000-6-1:2019 Immunity for residential, commercial, and light- industrial environments BS EN IEC 61000-6-3:2021 Emission standard for residential, commercial and light-industrial environment |
| Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Directive [RoHS] 2011/65/EU | BS EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |
| Low Voltage Directive [LVD] 2014/35/EU | |
| Waste Electrical and Electronic Equipment Directive [WEEE] 2012/19/EU | |

¹ EU Official Journal reference to publication.

Technical documentation for the product(s) is available from the authorised representative at the address above.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

I hereby declare that the named product above has been designed to comply with all applicable essential requirements of the standards & directives as listed.

Signed for and on behalf of: Protec Fire Detection plc
Place of issue: Nelson, UK
Date of Issue: 31/07/2025
Revision: DOC95_2.00

Name: Richard Berry
Function: R&D Conformity Manager
Signature:

