

## Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer. We, Asea Brown Boveri, S.A. Fábrica NIESEN hereby confirm that the following equipment:

### **R2185.8 XX: USB charger 2.000mA with LED, 1-gang - 1M**

(The endings XX correspond to manufacturer's colour codes BL = White; PL = Silver; AN = Anthracite; CV = Champagne).

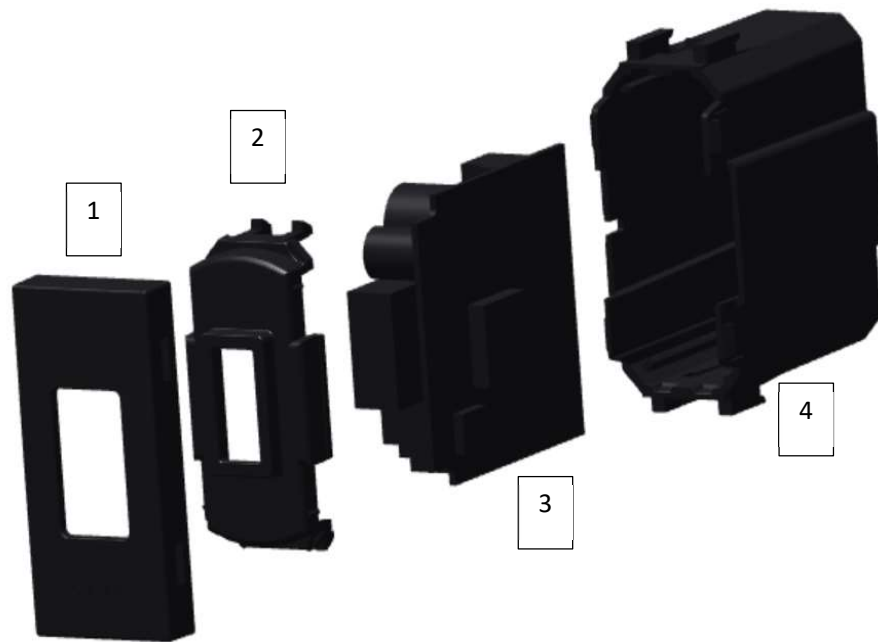


Is type tested and comply with the relevant parts of the following different standards for Railway and Residential applications mentioned in this document.

To which this declaration relates is in conformity with the following standard(s) or other document(s).

- EN 45545-2+A1:2015** - Railway applications- Fire protection on railway vehicles - Part 2: Requirements for fire behavior of materials and components.

Makrolon 6557 HF where R22 is met according to the requirements of the standard EN 45545-2+A1:2015.



|   | Part Ident number<br>(2CLA218580R1101) | Part Name (Description)          | Weight | Material Name | Material Ident number | Test Report     |
|---|--|----------------------------------|--------|---------------|-----------------------|-----------------|
| 1 | 2CLP218501R1101                        | Zenit USB cover                  | 3,2 g  | Makrolon 6557 | 2CLZ700024A1001       | IK.LKA98.A97/20 |
| 2 | 2CLP218511R1001                        | USB support cover                | 1,68 g | Makrolon 6557 | 2CLZ700051A1001       | IK.LKA98.A97/20 |
| 3 | 2CLX218583N1001                        | USB circuit with LED<br>1M 2A/5V | N/A    | N/A           | N/A                   | DO-22-3782IA-R1 |
| 4 | 2CLP218516R1001                        | USB back housing                 | 8,2 g  | Makrolon 6557 | 2CLZ700051A1001       | IK.LKA98.A97/20 |

|               | PN-EN ISO 4589-2:2017-06 | PN-EN ISO 5659-2:2017-08 | EN 45545-2+A1:2015     |
|---------------|--------------------------|--------------------------|------------------------|
|               | Oxygen index (OI)        | Dsmax                    | R22 / HL level         |
| Makrolon 6557 | 31,5±0,51                | 31,6                     | R22 / HL2<br>R22 / HL3 |

The result meets the requirements for R22 according to EN 45545-2+A1:2015 and EN 45545-2:2020 in the field of OI at the Hazard Level HL2, and in the field of Dsmax at the Hazard Level HL3.

**Summary: The R2185.8 materials listed in this document are classified R22/HL2 or better.**

- UNE-EN 50155:2018** - Railway applications - Rolling stock - Electronic equipment- Ambient vibration. Test Report No.: 2022010034B1\_C.
- EN-50121-3-2:2016+A1:2019** - Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock – Apparatus. Test Report No.: 2022010019C1.
- EN IEC 62368-1:2020 + A11** - Audio/video, information and communication technology equipment Part 1: Safety requirements. Test Report No.: 2022010035B1.
- UNE-EN 61000-3-2:2013, UNE-EN 61000-3-3:2009, UNE-EN 55022:2011, UNE-EN 55024** - Electromagnetic Compatibility. Test Report No.: 3160023A

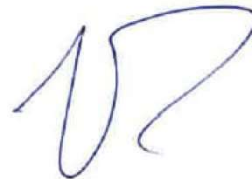
This confirmation is valid for the present design and for the use of the products according to the standards mentioned above.

## Asea Brown Boveri, S.A.

Fábrica NIESSEN

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LBU Managing Director



2022-10-31, Oiartzun, Spain