

## DECLARATION

We, ABB LV Installation Materials Co., Ltd. Beijing hereby declare that power meter of **D1M 15, D1M 15 Modbus, D1M 20 Modbus, D1M 20 Ethernet** are comply with the relevant parts of the following standards for railway applications mentioned in this document.

**EN 45545-2:2020-** Railway applications - Fire protection on railway vehicles –  
 Part 2: Requirements for fire behavior of materials and components

Below you will find the fire and smoke classification acc. to **EN 45545-2:2020**. **ABB power meter listed in this document are classified R26/HL3**

<b>Fire and Smoke certifications and classifications</b>		
<b>EN 45545-2:2020</b>		
Products type test acc. to relevant parts of EN 45545-2	EN 60695-11-10	
Type	Vertical small flame test	EN 45545-2: 2020 R26 / HL level
D1M 15 D1M 15 Modbus D1M 20 Modbus D1M 20 Ethernet	V0	R26/HL3

**Overview of non-metallic housing components with weight  $\geq 10$ gr.:**

Type	Part name	Plastic material	Part weight (gr.)	EN 45545-2:2020
D1M 15 D1M 15 Modbus	Housing upper part	PC/ABS Kingfa JH960-6300	28.3~29.3	R26/HL3
D1M 20 Modbus D1M 20 Ethernet		ECC7A-T0126		
	Housing lower part	PC/ABS Kingfa JH960-6300	23.3	R26/HL3
		ECC7A-T0126		

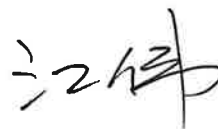
This declaration is valid for the present design and for the use of the products according to the standards and as displayed in the product data sheets.

Also, a change of the design could make this certificate invalid.

All former declarations or certificates issued by us before date of this declaration/certificate are to be considered null and void and have no further validity.

Yours sincerely,

Zhilong Niu  
R&D Manager

Aaron-Wei Jiang  
Quality & Continuous  
Improvement Manager

ABB LV Installation Materials Co., Ltd. Beijing

Beijing, 2024-07-03

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