

CTF Certificate

Customer Testing Facility

Acceptance of manufacturer's test results Anerkennung von Prüfungen aus Herstellerlabor

Certificate no. **21CH-01213**
Zertifikat Nr.

Based upon our agreement with Manufacturer **ABB Switzerland Ltd.**
Beruhend auf der Vereinbarung mit Hersteller **Via Luserte Sud 9, 6572 Quartino, SWITZERLAND**

and the assessment (audit) of Laboratory **ABB Switzerland Ltd.**
und der Begutachtung (Auditierung) des Labors **Via Luserte Sud 9, 6572 Quartino, SWITZERLAND**

Eurofins is pleased to state that the requirements of relevant operational documents IECEE OD-2048 and OD ECS 037 are fulfilled for the acceptance of test reports according the CTF/MTL procedures. The laboratory complies with the applicable requirements of ISO/IEC 17025:2017.

hat Eurofins festgestellt, dass die relevanten Anforderungen nach IECEE OD-2048 und OD ECS 037 für die Anerkennung von Prüfberichten im CTF/MTL Verfahren erfüllt sind. Das Labor entspricht den anwendbaren Anforderungen aus der ISO/IEC 17025:2017.

Customer Testing Facility Stage **1**
Status des Hersteller Labors

Eurofins guarantees the certification of test results which are done in the assessed manufacturer laboratory.
Eurofins garantiert die Zertifizierungen von Prüfberichten aus dem auditierten Herstellerlabor

against following standards **See page 2 and 3**
nach folgenden Normen

and according following schemes **IECEE**
und gemäss folgendem Verfahren

This certificate is valid until **2025-02-06**
Dieses Zertifikat ist gültig bis

Change of standards, operational documents and procedure documents could have an influence to the validity of this certificate.

Änderungen der Normen, normativen Dokumente und/oder Verfahrensanforderungen bleiben vorbehalten.

Eurofins Electric & Electronic Product Testing AG
Swiss Certification Body



Clemens Padel
Product Certification

Annex to CTF Certificate

Anhang zu CTF Zertifikat

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Annex 1A Current accepted scope of CTF

Standard	Details (see notes below)	Accepted for witnessing by LSV ? (see Note 2)
IEC 62040-1:2008	All clauses except: 7.4, 7.5, 8.1	<input type="checkbox"/>
IEC 62040-1:2008/AMD1:2013	All clauses except: 7.4, 7.5, 8.1	<input type="checkbox"/>
IEC 62040-1:2017	All clauses except: 4.4.2.2.2, 4.4.7.8.2/RD, 4.6.3.2, 4.6.3.3.3, 5.2.2.4.2, 5.2.2.101, 5.2.3.101, 5.2.6.3.2	<input type="checkbox"/>
IEC 62040-1:2017/AMD1:2021	All clauses except: 4.6.3.2	<input type="checkbox"/>
IEC 62040-1:2017/AMD2:2022	All clauses	<input type="checkbox"/>
IEC 62040-3:2011	All clauses except: 6.5	<input type="checkbox"/>
IEC 62040-3:2021	All clauses except: 6.5	<input type="checkbox"/>
IEC 62040-4:2013	All clauses, except clause 5.4	<input type="checkbox"/>

Note 1: For clarity and consistency, use the following terms in the "Details" column:

"All clauses" – where the CTF is accepted for all tests under a standard, or

"All clauses except ..." (list the exceptions), or

"Accepted clauses..." (list the accepted clauses)

Note 2:

LSV: Live Stream Video

Clauses that have been assessed and accepted for witnessing by Life Stream Video shall be specifically listed.

Witnessing by LSV is not applicable to CTF Stage 1

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Annex 1B Initial / Scope Extension Assessment Scope

Standard	Details (see notes below)	Accepted for witnessing by LSV ? (see Note 2)
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>

Note 1: For clarity and consistency, use the following terms in the "Details" column:

"All clauses" – where the CTF is accepted for all tests under a standard, or

"All clauses except ..." (list the exceptions), or

"Accepted clauses..." (list the accepted clauses)

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Clauses that have been assessed and accepted for witnessing by Life Stream Video shall be specifically listed.

Witnessing by LSV is not applicable to CTF Stage 1