

ILNAS

Institut luxembourgeois de la normalisation
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ILNAS-EN IEC 62453-302:2023

**Field device tool (FDT) interface
specification - Part 302:
Communication profile integration -
IEC 61784 CPF 2**

Field Device Tool (FDT)-
Schnittstellenspezifikation - Teil 302:
Integration von Kommunikationsprofilen
- Kommunikationsprofilfamilie (CPF) 2

Spécification des interfaces des outils
des dispositifs de terrain (FDT) - Partie
302: Intégration des profils de
communication - CPF 2 de l'IEC 61784

12/2023



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**Field device tool (FDT) interface specification - Part 302:
Communication profile integration - IEC 61784 CPF 2
(IEC 62453-302:2023)**

Spécification des interfaces des outils des dispositifs de terrain (FDT) - Partie 302: Intégration des profils de communication - CPF 2 de l'IEC 61784 (IEC 62453-302:2023)

Field Device Tool (FDT)-Schnittstellenspezifikation - Teil 302: Integration von Kommunikationsprofilen - Kommunikationsprofilfamilie (CPF) 2 nach IEC 61784 (IEC 62453-302:2023)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-12-13

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62453 (series) NOTE Approved as EN 62453 (series)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61158-2	-	Industrial communication networks - Fieldbus specifications - Part 2: Physical layer specification and service definition	EN IEC 61158-2	-
IEC 61158-3-2	-	Industrial communication networks - Fieldbus specifications - Part 3-2: Data-link layer service definition - Type 2 elements	EN 62258-3-2	-
IEC 61158-4-2	-	Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements	EN IEC 61158-4-2	-
IEC 61158-5-2	2019	Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements	EN IEC 61158-5-2	2019
IEC 61158-6-2	2019	Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements	EN IEC 61158-6-2	2019
IEC 61784-1	-	Industrial communication networks - Profiles Part 1: Fieldbus profiles	EN IEC 61784-1	-
IEC 61784-2	-	Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC/IEEE 8802-3	EN IEC 61784-2	-
IEC 61784-3-2	2021	Industrial communication networks - Profiles - Part 3-2: Functional safety fieldbuses - Additional specifications for CPF 2	EN IEC 61784-3-2	2021
IEC 62026-3	-	Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 3: DeviceNet	EN 62026-3	-

IEC 62026-7	-	Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 7: CompoNet	EN 62026-7	-
IEC 62453-1	— ¹	Field device tool (FDT) interface specification - Part 1: Overview and guidance	EN IEC 62453-1	— ²
IEC 62453-2	2022	Field device tool (FDT) interface specification - Part 2: Concepts and detailed description	EN IEC 62453-2	2022
ISO 15745-2	2003	Industrial automation systems and integration - Open systems application integration framework - Part 2: Reference description for ISO 11898-based control systems	-	-
ISO 15745-3	2003	Industrial automation systems and integration - Open systems application integration framework - Part 3: Reference description for IEC 61158 based control systems	-	-

¹ Under preparation. Stage at time of publication: IEC/RPUB 62453-1:2022.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Field device tool (FDT) interface specification –
Part 302: Communication profile integration – IEC 61784 CPF 2**

**Spécification des interfaces des outils des dispositifs de terrain (FDT) –
Partie 302: Intégration des profils de communication – CPF 2 de l'IEC 61784**



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