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SIST-TS CLC IEC/TS 61851-3-7:2024

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Sistemi za napajanje električnih vozil - 3-7. del: Oprema za napajanje električnih vozil z enosmernim tokom, kjer varnost zagotavlja dvojna ali ojačena izolacija - Komunikacija z baterijskim sistemom (IEC/TS 61851-3-7:2023)

Electric vehicles conductive charging system - Part 3-7: DC EV supply equipment where protection relies on double or reinforced insulation - Battery system communication (IEC/TS 61851-3-7:2023)

Konduktive Ladesysteme für Elektrofahrzeuge - Teil 3-7: Gleichstrom-Versorgungseinrichtungen für Elektrofahrzeuge mit Schutzwirkung durch doppelte oder verstärkte Isolierung – Batteriesystem Kommunikation (IEC/TS 61851-3-7:2023)

Système de charge conductive pour véhicules électriques - Partie 3-7 : Exigences relatives aux véhicules électriques légers - Communication avec les batteries (IEC/TS 61851-3-7:2023)

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**Electric vehicles conductive charging system - Part 3-7: DC EV
supply equipment where protection relies on double or reinforced
insulation - Battery system communication
(IEC/TS 61851-3-7:2023)**

Système de charge conductive pour véhicules électriques -
Partie 3-7 : Exigences relatives aux véhicules électriques
légers - Communication avec les batteries
(IEC/TS 61851-3-7:2023)

Konduktive Ladesysteme für Elektrofahrzeuge - Teil 3-7:
Gleichstrom-Versorgungseinrichtungen für
Elektrofahrzeuge mit Schutzwirkung durch doppelte oder
verstärkte Isolierung - Batteriesystem Kommunikation
(IEC/TS 61851-3-7:2023)

This Technical Specification was approved by CENELEC on 2023-12-04.

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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CLC IEC/TS 61851-3-7:2023 (E)**European foreword**

This document (CLC IEC/TS 61851-3-7:2023) consists of the text of IEC/TS 61851-3-7:2023, prepared by IEC/TC 69 "Electrical power/energy transfer systems for electrically propelled road vehicles and industrial trucks".

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The text of the International Technical Specification IEC/TS 61851-3-7:2023 was approved by CENELEC as a European Technical Specification without any modification.

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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/TS 61851-3-4	2023	Electric vehicles conductive charging system - Part 3-4: DC EV supply equipment where protection relies on double or reinforced insulation - General definitions and requirements for CANopen communication	-	-
IEC/TS 61851-3-5	2023	Electric vehicles conductive charging system - Part 3-5: DC EV supply equipment where protection relies on double or reinforced insulation - Pre-defined communication parameters and general application objects	-	-
		Industrial communications subsystem based on ISO 11898 (CAN) for controller-device interfaces - Part 4: CANopen	EN 50325-4	2002
		Secondary lithium batteries for light EV (electric vehicle) applications - Part 1: General safety requirements and test methods	EN 50604-1	2016



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**Electric vehicles conductive charging system –
Part 3-7: DC EV supply equipment where protection relies on double or
reinforced insulation – Battery system communication**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRIC VEHICLES CONDUCTIVE CHARGING SYSTEM –

**Part 3-7: DC EV supply equipment where protection
relies on double or reinforced insulation –
Battery system communication**

FOREWORD

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IEC TS 61851-3-7 has been prepared by IEC technical committee 69: Electrical power/energy transfer systems for electrically propelled road vehicles and industrial trucks. It is a Technical Specification.

The text of this Technical Specification is based on the following documents:

Draft	Report on voting
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	69/674A/RVDTS

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Technical Specification is English.