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# TECHNICAL SPECIFICATION SPÉCIFICATION TECHNIQUE TECHNISCHE SPEZIFIKATION

# CLC/TS 50457-2

March 2008

ICS 35.240.60; 43.120

Supersedes ENV 50275-2-4:1998

English version

## Conductive charging for electric vehicles -Part 2: Communication protocol between off-board charger and electric vehicle

Charge conductive pour véhicules électriques -Partie 2: Protocole de transmission entre le chargeur extérieur et le véhicule électrique Konduktive Ladung von Elektrofahrzeugen -Teil 2: Kommunikationsprotokoll zwischen externem Ladegerät und Elektrofahrzeug

This Technical Specification was approved by CENELEC on 2007-03-01.

CENELEC members are required to announce the existence of this TS in the same way as for an EN and to make the TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force.

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# CENELEC

European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

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CLC/TS 50457-2:2008

### Foreword

This Technical Specification was prepared by the CENELEC Reporting Secretariat 69, Electric road vehicles and electric industrial trucks.

The text of the draft was submitted to vote in accordance with the Internal Regulations, Part 2, Subclause 11.3.3.3 and was approved by CENELEC as CLC/TS 50457-2 on 2007-03-01.

This Technical Specification is to be used in conjunction with EN 61851-1.

This Technical Specification supersedes ENV 50275-2-4:1998.

In the framework of the conversion of ENV 50275-2-4, Clause 2 has been updated.

The following date was fixed:

 latest date by which the existence of the CLC/TS has to be announced at national level

(doa) 2008-07-01

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### Introduction

This Technical Specification "Conductive charging for electric vehicles" is published in separate parts according to the following structure:

This Technical Specification covers the physical, electrical and performance requirements concerning devices for the charging system, when they are not already standardized.

Part 1: D.C. charging station.

Part 2: Communication protocol between off-board charger and electric vehicle.



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