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NSAI Standards

Standard Recommendation
S.R. CEN/TR 16596:2013

Electric-electronic interface between chassis-cab and bodywork of refuse collection vehicles (RCVs)

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TECHNICAL REPORT

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

CEN/TR 16596

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English Version

Electric-electronic interface between chassis-cab and bodywork of refuse collection vehicles (RCVs)

Interface électrique-électronique entre le châssis-cabine et la superstructure des bennes de collecte des déchets

CAN-Schnittstelle zwischen Fahrgestellen und Aufbau von Abfallsammelfahrzeugen

This Technical Report was approved by CEN on 24 September 2013. It has been drawn up by the Technical Committee CEN/TC 183.

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Foreword

This document (CEN/TR 16596:2013) has been prepared by Technical Committee CEN/TC 183 “Waste management”, the secretariat of which is held by DIN.

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Introduction

On September 29, 2009, CEN/TC 183/WG 2 mandated its PWG 5 to work on a proposal for the CAN communication between the chassis-cab and the bodywork of RCVs. Based on an earlier proposal (PWG 5 from 2002 to 2005), the experts of PWG 5 discussed the possibilities and concluded in the results shown in this document.

To comply with the requirements of the relevant safety Directives and Standards, it is unavoidable to use electronic controls on the RCV chassis-cab and on the bodywork of RCVs because the control devices have to communicate to get the RCV working in proper and safe conditions.

This document contains a proposal for an interface between the chassis-cab and the bodywork in terms of electrical wiring including plugs and positions for the plugs as well as an adequate CAN protocol.

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