



BSI Standards Publication

Railway applications – Radio remote control system of traction vehicle for shunting application

National foreword

This British Standard is the UK implementation of EN 50239:2018. It supersedes BS EN 50239:1999, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/9/1, Railway Electrotechnical Applications - Signalling and communications.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Date	Text affected
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English Version

Railway applications - Radio remote control system of traction vehicle for shunting application

Applications ferroviaires - Système de radiocommande à distance des véhicules de traction pour application de manoeuvre

Bahnanwendungen - Funkfernsteuerung von Triebfahrzeugen für Rangierbetrieb

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European foreword

This document (EN 50239:2018) has been prepared by CLC/SC 9XA "Communication, signalling, and processing systems" of CLC/TC 9X "Electrical and electronic applications for railways".

This document supersedes EN 50239:1999.

The following dates are fixed:

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conflicting with this document have to
be withdrawn

The main changes with respect to EN 50239:1999 are listed below:

- contents related to Safety Integrity Level (SIL) have been deleted, in particular Annex A with all its examples of EN 50239:1999;
- the text of this European Standard is considering only shunting application;
- the title has been replaced by "Railway applications – Radio remote control system of traction vehicles for shunting application".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Introduction

This European Standard is prompted to offer a minimum set of requirements for the application of remote control of traction vehicles by means of radio communication, operated by ground personnel during shunting.

The minimum set of requirements is considered with reference to the following aspects:

- operational requirements for the use of radio remote control system;
- functional requirements for the radio remote control system;
- technical requirements for the radio remote control system.