
**Road vehicles — Electrical
disturbances from conduction and
coupling —**

Part 3:
**Electrical transient transmission by
capacitive and inductive coupling via
lines other than supply lines**

*Véhicules routiers — Perturbations électriques par conduction et par
couplage —*

*Partie 3: Transmission des perturbations électriques par couplage
capacitif ou inductif le long des lignes autres que les lignes
d'alimentation*





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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#).

The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 32, *Electrical and electronic components and general system aspects*.

This third edition cancels and replaces the second edition (ISO 7637-3:2007), which has been technically revised.

ISO 7637 consists of the following parts, under the general title *Road vehicles — Electrical disturbances from conduction and coupling*:

- *Part 1: Definitions and general considerations*
- *Part 2: Electrical transient conduction along supply lines only*
- *Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines*

The following parts are under preparation:

- *Part 4: Electrical transient conduction along shielded high voltage supply lines only*
- *Part 5: Enhanced definitions and verification methods for harmonization of pulse generators according to ISO 7637-2 [Technical Report]*

[Annex A](#) forms an integral part of this part of ISO 7637.

[Annex B](#) and [Annex C](#) are informative.