



SLOVENSKI STANDARD
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Vodilo za električne inštalacije – 52. del: Izbira in namestitvev električne opreme – Inštalacijski sistem (IEC TR 61200-52:2013)

Electrical installation guide - Part 52: Selection and erection of electrical equipment - Wiring systems (IEC TR 61200-52:2013)

Guide pour les installations électriques - Partie 52: Choix et mise en oeuvre des matériels électriques - Canalisations (IEC TR 61200-52:2013)

Ta slovenski standard je istoveten z: IEC TR 61200-52:2013

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29.060.01	Električne žice in kabli na splošno	Electrical wires and cables in general
91.140.50	Sistemi za oskrbo z elektriko	Electricity supply systems

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TECHNICAL REPORT

RAPPORT TECHNIQUE

**Electrical installation guide –
Part 52: Selection and erection of electrical equipment – Wiring systems**

**Guide pour les installations électriques –
Partie 52: Choix et mise en œuvre des matériels électriques – Canalisations**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL INSTALLATION GUIDE –

**Part 52: Selection and erection of electrical equipment –
Wiring systems**

FOREWORD

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IEC 61200-52, which is a technical report, has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock.

This second edition cancels and replaces the first edition, published in 1993, and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the scope has been modified; whilst the Guide does not form part of the IEC 60364 series, it serves as a supplement to IEC 60364-5-52:2009 and explains the rules so as to facilitate the design, selection, erection and maintenance of wiring systems;
- b) guidance associated with conduit systems, cable ducting systems, cable trunking systems, cable tray systems and cable ladder systems has been added giving, for example, recommended maximum straight lengths of conduit to ease the installation circuit wiring;
- c) guidance associated with selection and erection of wiring systems in relation to external influences has been extended to cover impact, and other mechanical stresses.
- d) guidance for grouping of cables has been added.
- e) guidance on maximum temperatures of terminals in normal service conditions has been extended;
- f) guidance on the connection of multi wire, fine wire and very fine wire conductors has been added;
- g) guidance on proximity of communication cables has been added;
- h) guidance on cables in contact with thermal insulation has been added.

This technical report serves as a supplement to IEC 60364-5-52:2009 and follows the numbering of that standard.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
64/1875/DTR	64/1887/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.