
**Road vehicles - Connections for on-board electrical wiring harnesses - Part 3:
Tabs for multi-pole connections - Dimensions and specific requirements (ISO 8092-3:1996)**

Road vehicles - Connections for on-board electrical wiring harnesses - Part 3: Tabs for multi-pole connections - Dimensions and specific requirements (ISO 8092-3:1996)

Straßenfahrzeuge - Steckverbindungen für das elektrische Fahrzeug-Bordnetz - Teil 3: Flachstecker für mehrpolige Steckverbindungen - Maße und besondere Anforderungen (ISO 8092-3:1996)

Véhicules routiers - Connexions pour faisceaux de câblage électrique embarqués - Partie 3: Languettes pour raccordements multipolaires - Dimensions et exigences particulières (ISO 8092-3:1996)

Ta slovenski standard je istoveten z: EN ISO 8092-3:1999

ICS:

43.040.10 Electrical and electronic equipment

SIST EN ISO 8092-3:2000**en**

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EUROPEAN STANDARD
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Road vehicles - Connections for on-board electrical wiring harnesses - Part 3: Tabs for multi-pole connections - Dimensions and specific requirements (ISO 8092-3:1996)

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This European Standard was approved by CEN on 25 June 1999.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 8092-3:1999

Foreword

The text of the International Standard from Technical Committee ISO/TC 22 "Road vehicles" of the International Organization for Standardization (ISO) has been taken over as an European Standard by CEN/CS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8092-3:1996 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 8092-2	1996	Road vehicles - Connections for on-board electrical wiring harnesses - Part 2: Definitions, test methods and general performance requirements	EN ISO 8092-2	1998

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INTERNATIONAL
STANDARD

ISO
8092-3

First edition
1996-02-01

**Road vehicles — Connections for on-board
electrical wiring harnesses —**

Part 3:

Tabs for multi-pole connections —
 Dimensions and specific requirements

SIST EN ISO 8092-3:2000

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*Véhicules routiers — Connexions pour faisceaux de câblage électrique
embarqués —*

*Partie 3: Languettes pour raccordements multipolaires — Dimensions et
exigences particulières*



Reference number
ISO 8092-3:1996(E)

ISO 8092-3:1996(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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International Standard ISO 8092-3 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electrical and electronic equipment*.

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ISO 8092 consists of the following parts, under the general title *Road vehicles — Connections for on-board electrical wiring harnesses*:

- *Part 1: Tabs for single-pole connections — Dimensions and specific requirements*
- *Part 2: Definitions, test methods and general performance requirements*
- *Part 3: Tabs for multi-pole connections — Dimensions and specific requirements*
- *Part 4: Pins for single- and multi-pole connections — Dimensions and specific requirements*

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Road vehicles — Connections for on-board electrical wiring harnesses —

Part 3:

Tabs for multi-pole connections — Dimensions and specific requirements

1 Scope

This part of ISO 8092 specifies dimensions for the tabs of multi-pole connections and specific requirements, for on-board electrical wiring harnesses of road vehicles. It applies to connections designed to be disconnected after mounting in the vehicle for the purposes of repair and/or maintenance only.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 8092. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 8092 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 8092-2:1996, *Road vehicles — Connections for on-board electrical wiring harnesses — Part 2: Definitions, test methods and general performance requirements.*

3 Definitions

For the purposes of this part of ISO 8092, the definitions given in ISO 8092-2 apply.

4 Dimensions

Tabs for multi-pole connectors shall conform to the dimensions given in table 1 and figure 1.

Details not specified are left to the manufacturer's choice.

5 Specific performance requirements

Multi-pole connections shall be in conformity with the general performance requirements of ISO 8092-2, and shall meet the following specific requirements.

5.1 Design requirements

If tabs are stamped or stamped and formed, the usable contact area shall be specified and care shall be taken to assure that gaps, seams and rounded edges do not affect the contact performance.

5.2 Connection resistance

The connection resistance of multi-pole connections, tested in accordance with ISO 8092-2:1995, sub-clause 4.8, shall meet the requirements in table 2.