

Road vehicles - Electrical connections - Double-pole connection

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connection

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 4165:2003 sisaldab Euroopa standardi EN ISO 4165:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 17.09.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 4165:2003 consists of the English text of the European standard EN ISO 4165:2003.</p> <p>This document is endorsed on 17.09.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This International Standard specifies the dimensions and electrical characteristics of the double-pole connection required for the interchangeability of the electrical connections used to supply additional appliances in road vehicles with a nominal supply voltage of 12 V or 24 V d.c</p>	<p>Scope:</p> <p>This International Standard specifies the dimensions and electrical characteristics of the double-pole connection required for the interchangeability of the electrical connections used to supply additional appliances in road vehicles with a nominal supply voltage of 12 V or 24 V d.c</p>
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ICS 43.040.10

Võtmesõnad:

English version

Road vehicles

Electrical connections – Double-pole connection
(ISO 4165 : 2001)

Véhicules routiers – Connexions
électriques – Connexion bipolaire
(ISO 4165 : 2003)

Straßenfahrzeuge – Elektrische
Verbindungen – Zweipolige Steck-
verbindung (ISO 4165 : 2001)

This European Standard was approved by CEN on 2003-02-20.

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 Management Centre or to any CEN member.

The European Standards exist 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 Management Centre has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 4165 : 2001 Road vehicles – Electrical connections – Double-pole connection, which was prepared by ISO/TC 22 'Road vehicles' of the International Organization for Standardization, has been adopted by CMC as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by November 2003 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Malta, Luxembourg, the Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 4165 : 2001 was approved by CEN as a European Standard without any modification.

1 Scope

This International Standard specifies the dimensions and electrical characteristics of the double-pole connection required for the interchangeability of the electrical connections used to supply additional appliances in road vehicles with a nominal supply voltage of 12 V or 24 V d.c.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 6722:—¹⁾, *Road vehicles — 60 V and 600 V single-core cables — Dimensions, test methods and other requirements*

ISO 8092-2:2000, *Road vehicles — Connections for on-board electrical wiring harnesses — Part 2: Definitions, test methods and general performance requirements*²⁾

3 Terms and definitions

For the purposes of this International Standard, the terms and definitions given in ISO 8092-2 apply.

4 Dimensions

The dimensions of the plug and socket shall be in accordance with the dimensions shown in Figure 1.

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

5 Application

The connection is intended for application within protected areas such as the passenger compartment, luggage compartment, or similar areas. In case of outside mounting, additional protection is necessary.

6 Tests and requirements

6.1 General

Perform the tests at a room temperature of $(23 \pm 5) ^\circ\text{C}$ unless otherwise specified.

1) To be published. (Revision of ISO 6722: all parts)

2) Corrected and reprinted 2001.