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SLOVENSKI STANDARD
SIST EN 62680-2:2014

01-april-2014

Vmesniki univerzalnega serijskega vodila za prenos podatkov in napajanje - 2. del: Specifikacija povezav med mikro USB-kabli USB in konektorji

Universal Serial Bus interfaces for data and power -- Part 2: USB micro-USB cables and connectors specification

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Ta slovenski standard je istoveten z: EN 62680-2:2013

ICS:

35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

SIST EN 62680-2:2014   **en,fr,de**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 62680-2

December 2013

ICS 33.120; 35.200

English version

Universal serial bus interfaces for data and power -
Part 2: Universal serial bus -
Micro-USB cables and connectors specification, revision 1.01
(IEC 62680-2:2013)

Interfaces de bus universel en série pour
les données et l'alimentation électrique -
Partie 2: Bus universel en série -
Spécification des câbles et connecteurs
micro-USB, révision 1.01
(CEI 62680-2:2013)

Schnittstellen des Universellen Seriellen
Busses für Daten und Energie -
Teil 2: Festlegung für USB-Mikro-USB-
Kabel und Steckverbinder
(IEC 62680-2:2013)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

Ref. No. EN 62680-2:2013 E

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Foreword

The text of document 100/2153/FDIS, future edition 1 of IEC 62680-2, prepared by IEC/TC 100, "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62680-2:2013.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement   (dop)   2014-07-16

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IEC 62680-2

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Universal serial bus interfaces for data and power –
Part 2: Universal serial bus – Micro-USB cables and connectors specification,
revision 1.01

Interfaces de bus universel en série pour les données et l'alimentation électrique –
Partie 2: Bus universel en série – Spécification des câbles et connecteurs micro-USB, révision 1.01

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UNIVERSAL SERIAL BUS INTERFACES FOR DATA AND POWER –

Part 2: Universal serial bus – Micro-USB cables and connectors specification, revision 1.01

FOREWORD

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International Standard IEC 62680-2 has been prepared by technical area 14: Interfaces and methods of measurement for personal computing equipment, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this standard is based on documents prepared by the USB Implementers Forum (USB-IF). The structure and editorial rules used in this publication reflect the practice of the organization which submitted it.

The text of this standard is based on the following documents:

FDIS	Report on voting
100/2153/FDIS	100/2184/RVD

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

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A list of all the parts in the IEC 62680 series, published under the general title *Universal serial bus interfaces for data and power* can be found on the IEC website.

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

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- withdrawn,
- replaced by a revised edition, or
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INTRODUCTION

The IEC 62680 series is based on a series of specifications that were originally developed by the USB Implementers Forum (USB-IF). These specifications were submitted to the IEC under the auspices of a special agreement between the IEC and the USB-IF.

The USB Implementers Forum, Inc.(USB-IF) is a non-profit corporation founded by the group of companies that developed the Universal Serial Bus specification. The USB-IF was formed to provide a support organization and forum for the advancement and adoption of Universal Serial Bus technology. The Forum facilitates the development of high-quality compatible USB peripherals (devices), and promotes the benefits of USB and the quality of products that have passed compliance testing.

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This series covers the Universal Series Bus interfaces for data and power and consists of the following parts:

IEC 62680-1, *Universal Serial Bus interfaces for data and power – Part 1: Universal Serial Bus Specification, Revision 2.0*

IEC 62680-2, *Universal Serial Bus interfaces for data and power – Part 2: USB Micro-USB Cables and Connectors Specification, Revision 1.01*

IEC 62680-3, *Universal Serial Bus interfaces for data and power – Part 3: USB Battery Charging Specification, Revision 1.2*

IEC 62680-4, *Universal Serial Bus interfaces for data and power – Part 4: Universal Serial Bus Cables and Connectors Class Document Revision. 2.0*

This part of the IEC 62680 series consists of several distinct parts:

- the main body of the text, which consists of the original specification and all ECN and Errata developed by the USB-IF.

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Note: All Engineering Change Notice's (ECN) and Errata documents as of
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Universal Serial Bus
Micro-USB Cables and Connectors
Specification

Revision 1.01
April 4, 2007

Revision History

Revision	Issue Date	Comment
0.6	1/30/2006	Revisions to all sections
0.7	3/24/2006	Added revised Micro-USB drawings to Rev.0.8
0.8	4/19/2006	Editorial changes and additions by Jan Fahllund (Nokia)
0.8b	4/26/2006	Corrections to the 0.8 version (based by comments from contributors)
0.9	6/7/2006	Corrections based on comments from the 0.8b version
1.0RC	8/2/2006	Added lubricant recommendation, LLRC delta change specified
1.01RC	11/10/2006	Editorial changes and addition based on Oct-06 USB-IF CCWG meeting.
1.02RC	12/10/2006	Shell material thickness tolerances changed so that material can be 0.25 mm or 0.3 mm; edited three pictures (Figure 4-10, 4-11 and 4-12).
1.03RC	12/11/2006	Two pictures edited (Figure 4-8 and 4-9). In fig 4-8 max height to be 2.8mm MAX. In fig 4-9 R0.25mm MAX to be R0.30mm MAX.
1.0RC3	12/19/2006	For BoD approval
1.0	1/12/2007	Approved
1.0	1/22/2007	Cosmetic edits for publication
1.01	4/4/2007	Editorial corrections and additions to contributor list. Reinserted shell and plug material requirements as section 6.10. Clarified wording on Plating Recommendations.

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