



**SLOVENSKI STANDARD**  
**SIST EN IEC 62680-4-1:2023**

**01-marec-2023**

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**Vmesniki univerzalnega serijskega vodila za prenos podatkov in napajanje - 4-1.  
del: Specifikacija univerzalnega serijskega vodila 4 (tm) (IEC 62680-4-1:2022)**

Universal Serial Bus interfaces for data and power - Part 4-1: Universal Serial Bus 4 (tm)  
Specification (IEC 62680-4-1:2022)

Schnittstellen des Universellen Seriellen Busses für Daten und Energie - Teil 4-1:  
Universeller Serieller Bus 4 (TM) Spezifikation (IEC 62680-4-1:2022)

Interfaces de bus série universel (USB) pour les données et l'alimentation électrique -  
Partie 4-1: Spécification du bus série universel 4 (tm) (IEC 62680-4-1:2022)

**Ta slovenski standard je istoveten z: EN IEC 62680-4-1:2022**

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**ICS:**

35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment
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**en,fr,de**



EUROPEAN STANDARD

**EN IEC 62680-4-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2022

ICS 29.200; 33.120.20; 35.200

English Version

**Universal Serial Bus interfaces for data and power - Part 4-1:  
Universal Serial Bus 4 (tm) Specification  
(IEC 62680-4-1:2022)**

Interfaces de bus série universel (USB) pour les données et  
l'alimentation électrique - Partie 4-1: Spécification du bus  
série universel 4 (tm)  
(IEC 62680-4-1:2022)

Schnittstellen des Universellen Seriellen Busses für Daten  
und Energie - Teil 4-1: Universeller Serieller Bus 4 (TM)  
Spezifikation  
(IEC 62680-4-1:2022)

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**EN IEC 62680-4-1:2022 (E)****European foreword**

The text of document 100/3754/CDV, future edition 1 of IEC 62680-4-1, 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 IEC 62680-4-1:2022.

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# INTERNATIONAL STANDARD



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**Universal Serial Bus interfaces for data and power –  
Part 4-1: Universal Serial Bus 4™ Specification**

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INTERNATIONAL  
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## UNIVERSAL SERIAL BUS INTERFACES FOR DATA AND POWER

## Part 4-1: Universal Serial Bus 4™ Specification

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

Draft	Report on voting
100/3754/CDV	100/3813/RVC

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

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

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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.

This standard is the USB-IF publication, USB4™ Specification, Version 1.0 with Errata and ECN through May 19, 2021.

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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# Universal Serial Bus 4 (USB4™) Specification

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Version 1.0 with Errata and ECN through May 19, 2021

May 2021

**Release History**

<b>Version</b>	<b>Comments</b>	<b>Issue Date</b>
1.0	First release	August 2019
1.0 with Errata and ECN through May 4, 2020	Includes errata and ECN through May 4, 2020 as part of the specification text.	June 2020
1.0 with Errata and ECN through October 15, 2020	Includes errata and ECN through October 15, 2020 as part of the specification text.	October 2020
1.0 with Errata and ECN through May 19, 2021	Includes errata and ECN through May 19, 2021 as part of the specification text.	May 2021

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