SLOVENSKI STANDARD
SIST EN IEC 61076-2-118:2026

01-december-2026

Konektorji za električno in elektronsko opremo - Zahteve za izdelek - 2-118. del: Okrogli konektorji - Podrobna specifikacija za oklepljene in neoklepljene, proste in pritrjene konektorje z bajonetnim zaklepom velikosti B12, B17, B23 in B40, za prenos električnega napajanja, signalov in podatkov (IEC 61076-2-118:2026)

Connectors for electrical and electronic equipment - Product requirements - Part 2-118: Circular connectors - Detail specification for shielded and unshielded, free and fixed connectors with bayonet-locking size B12, B17, B23 and B40, for power, signal and data transmission (IEC 61076-2-118:2026)

Sample Document

Steckverbinder für elektrische und elektronische Geräte - Produktanforderungen - Rundsteckverbinder - Einzelspezifikation für geschirmte und ungeschirmte, freie und feste Steckverbinder mit Bajonettverriegelung der Größen B12, B17, B23 und B40, für die Energie-, Signal- und Datenübertragung (IEC 61076-2-118:2026

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Connecteurs pour équipements électriques et électroniques - Exigences de produit - Partie 2-118: Connecteurs circulaires - Spécification particulière relative aux fiches et embases écrantées ou non écrantées avec verrouillage à baïonnette, des tailles B12, B17, B23 et B40, pour la transmission de signaux, de puissance et de données (IEC 61076-2-118:2026

Ta slovenski standard je istoveten z: **EN IEC 61076-2-118:2026**

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31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors

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EN IEC 61076-2-118

October 2026

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English Version

Connectors for electrical and electronic equipment - Product requirements - Part 2-118: Circular connectors - Detail specification for shielded and unshielded, free and fixed connectors with bayonet-locking size B12, B17, B23 and B40, for power, signal and data transmission (IEC 61076-2-118:2026)

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European foreword

The text of document 48B/3196/FDIS, future edition 1 of IEC 61076-2-118, prepared by SC 48B "Electrical connectors" of IEC/TC 48 "Electrical connectors and mechanical structures for electrical and electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61076-2-118:2026.

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IEC 62197-1	NOTE	Approved as EN 62197-1

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60352	series	Solderless connections	EN 60352	series
IEC 60512-1	-	Connectors for electrical and electronic equipment - Tests and measurements - Part 1: Generic specification	EN IEC 60512-1	-
IEC 60512-1-1	-	Connectors for electronic equipment - Tests and measurements - Part 1-1: General examination - Test 1a: Visual examination	EN 60512-1-1	-
IEC 60512-1-2	-	Connectors for electronic equipment - Tests and measurements - Part 1-2: General examination - Test 1b: Examination of dimension and mass	EN 60512-1-2	-
IEC 60512-2-1	-	Connectors for electronic equipment - Tests and measurements - Part 2-1: Electrical continuity and contact resistance tests - Test 2a: Contact resistance - Millivolt level method	EN 60512-2-1	-
IEC 60512-2-5	-	Connectors for electronic equipment - Tests and measurements - Part 2-5: Electrical continuity and contact resistance tests - Test 2e: Contact disturbance	EN 60512-2-5	-
IEC 60512-3-1	-	Connectors for electronic equipment - Tests and measurements - Part 3-1: Insulation tests - Test 3a: Insulation resistance	EN 60512-3-1	-
IEC 60512-4-1	-	Connectors for electronic equipment - Tests and measurements - Part 4-1: Voltage stress tests - Test 4a: Voltage proof	EN 60512-4-1	-

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IEC 60512-5-1	-	Connectors for electronic equipment - Tests and measurements - Part 5-1: Current-carrying capacity tests - Test 5a: Temperature rise	EN 60512-5-1	-
IEC 60512-6-3	-	Connectors for electronic equipment - Tests and measurements - Part 6-3: Dynamic stress tests - Test 6c: Shock	EN 60512-6-3	-
IEC 60512-6-4	-	Connectors for electronic equipment - Tests and measurements - Part 6-4: Dynamic stress tests - Test 6d: Vibration (sinusoidal)	EN 60512-6-4	-
IEC 60512-9-1	-	Connectors for electronic equipment - Tests and measurements - Part 9-1: Endurance tests - Test 9a: Mechanical operation	EN 60512-9-1	-
IEC 60512-9-2	-	Connectors for electronic equipment - Tests and measurements - Part 9-2: Endurance tests - Test 9b: Electrical load and temperature	EN 60512-9-2	-
IEC 60512-11-1	-	Connectors for electrical and electronic equipment - Tests and measurements - Part 11-1: Climatic tests - Test 11a - Climatic sequence	EN IEC 60512-11-1	-
IEC 60512-11-4	-	Connectors for electronic equipment - Tests and measurements - Part 11-4: Climatic tests - Test 11d: Rapid change of temperature	EN 60512-11-4	-
IEC 60512-11-9	-	Connectors for electronic equipment - Tests and measurements - Part 11-9: Climatic tests - Test 11i: Dry heat	EN 60512-11-9	-
IEC 60512-11-10	-	Connectors for electronic equipment - Tests and measurements - Part 11-10: Climatic tests - Test 11j: Cold	EN 60512-11-10	-
IEC 60512-11-12	-	Connectors for electronic equipment - Tests and measurements - Part 11-12: Climatic tests - Test 11m: Damp heat, cyclic	EN 60512-11-12	-
IEC 60512-13-2	-	Connectors for electronic equipment - Tests and measurements - Part 13-2: Mechanical operation tests - Test 13b: Insertion and withdrawal forces	EN 60512-13-2	-
IEC 60512-13-5	-	Connectors for electronic equipment - Tests and measurements - Part 13-5: Mechanical operation tests - Test 13e: Polarizing and keying method	EN 60512-13-5	-
IEC 60512-16-5	-	Connectors for electronic equipment - Tests and measurements - Part 16-5: Mechanical tests on contacts and terminations - Test 16e: Gauge retention force (resilient contacts)	EN 60512-16-5	-

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IEC 60512-28-100	-	Connectors for electrical and electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 2 000 MHz - Tests 28a to 28g	EN IEC 60512-28-100	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
-	-		+ corrigendum May	1993
+ A1	1999		+ A1	2000
+ A2	2013		+ A2	2013
IEC 60664-1	2020	Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests	EN IEC 60664-1	2020
IEC 60998-2-1	-	Connecting devices for low-voltage circuits for household and similar purposes - Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units	EN 60998-2-1	-
IEC 60999-1	-	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm2 up to 35 mm2 (included)	EN 60999-1	-
IEC 61076-1	-	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	-
IEC 61984	2008	Connectors - Safety requirements and tests	EN 61984	2009
ISO 21920-1	-	Geometrical product specifications (GPS) - Surface texture: Profile - Part 1: Indication of surface texture	EN ISO 21920-1	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Connectors for electrical and electronic equipment - Product requirements - Part 2-118: Circular connectors - Detail specification for free and fixed connectors with bayonet-locking size B12, B17, B23 and B40, for power, signal and data transmission

FOREWORD

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

Draft	Report on voting
48B/3196/FDIS	48B/3205/RVD

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

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