SLOVENSKI STANDARD
SIST EN IEC 63138-2:2024

01-februar-2024

Večkanalni radiofrekvenčni konektorji - 2. del: Področna specifikacija za okrogle konektorje skupine MQ4 (IEC 63138-2:2023)

Multi-channel radio-frequency connectors - Part 2: Sectional specification for MQ4 series circular connectors (IEC 63138-2:2023)

Mehrkanalige Hochfrequenz-Steckverbinder - Teil 2: Rahmenspezifikation für Rundsteckverbinder der MQ4-Serie (IEC 63138-2:2023)

Connecteurs radiofréquences multicanaux - Partie 2: Spécification intermédiaire pour les connecteurs circulaires de série MQ4 (IEC 63138-2:2023)

Ta slovenski standard je istoveten z: **EN IEC 63138-2:2023**

ICS:

33.120.30	Radiofrekvenčni konektorji (RF)	RF connectors

SIST EN IEC 63138-2:2024 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63138-2

December 2023

ICS 33.120.30

Supersedes EN IEC 63138-2:2021

English Version

Multi-channel radio-frequency connectors - Part 2: Sectional specification for MQ4 series circular connectors (IEC 63138-2:2023)

Connecteurs radiofréquences multicanaux - Partie 2: Spécification intermédiaire pour les connecteurs circulaires de série MQ4
(IEC 63138-2:2023)

Mehrkanalige Hochfrequenz-Steckverbinder - Teil 2: Rahmenspezifikation für Rundsteckverbinder der MQ4-Serie
(IEC 63138-2:2023)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 46F/644/FDIS, future edition 2 of IEC 63138-2, prepared by SC 46F "RF and microwave passive components" of IEC/TC 46 "Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63138-2:2023.

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) 2024-08-21
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow) 2026-11-21

This document supersedes EN IEC 63138-2:2021 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 63138-2:2023 was approved by CENELEC as a European Standard without any modification.

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 63138-1	2019	Multi-channel radio frequency connectors - Part 1: Generic specification - General requirements and test methods	EN IEC 63138-1	2019

IEC 63138-2

Edition 2.0 2023-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Multi-channel radio-frequency connectors – Part 2: Sectional specification for MQ4 series circular connectors

Connecteurs radiofréquences multicanaux – Partie 2: Spécification intermédiaire pour les connecteurs circulaires de série MQ4

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 33.120.30

ISBN 978-2-8322-7638-9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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MULTI-CHANNEL RADIO-FREQUENCY CONNECTORS –

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FOREWORD

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IEC 63138-2 has been prepared by subcommittee 46F: RF and microwave passive components, of IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This second edition cancels and replaces the first edition published in 2020. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) change the supplementary key and groove position degree from 0,1 to 0,05 in Figure 1, Figure 2, Figure 3, Figure 7 and Figure 8;
b) change dimension q from min.1,60 to min.1,65 in Table 1;
c) add an electrical reference plane in Figure 4;

d) add dimensions in Table 1;

e) change dimension *n* from max.1,55 to max.1,50 in Table 2, Table 3 and Table 7;

f) update some dimensions in Figure 4 and Table 4;

g) change dimension a from min.7,50 to min.7,52, and max.7,60 to max. 7,58 in Table 7;

h) update some dimensions in Figure 8 and Table 8;

i) change mechanical compatibility from 50 N to 60 N in 4.2.3 and 4.2.4.

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

Draft	Report on voting
46F/644/FDIS	46F/651/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

This document is to be read with IEC 63138-1:2019.

A list of all parts in the IEC 63138 series, published under the general title *Multichannel radio-frequency connectors*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.