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STN	**Viackanálové vysokofrekvenčné konektory Časť 3: Rámcová špecifikácia kruhových konektorov série MQ5**	**STN EN IEC 63138-3** 35 3814

Multi-channel radio frequency connectors - Part 3: Sectional specification for MQ5 series circular connectors

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/22

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63138-3

April 2022

ICS 33.120.30

English Version

Multi-channel radio frequency connectors - Part 3: Sectional specification for MQ5 series circular connectors (IEC 63138-3:2022)

Connecteurs radiofréquences multicanaux - Partie 3: Spécification intermédiaire relatives aux connecteurs circulaires de série MQ5 (IEC 63138-3:2022)

Mehrkanalige Hochfrequenz-Steckverbinder - Teil 3: Rahmenspezifikation für Rundsteckverbinder der Serie MQ5 (IEC 63138-3:2022)

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European foreword

The text of document 46F/602/FDIS, future edition 1 of IEC 63138-3, 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 63138-3:2022.

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• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2023-01-13
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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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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.cenelec.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 63138-3

Edition 1.0 2022-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Multi-channel radio frequency connectors – Part 3: Sectional specification for MQ5 series circular connectors

Connecteurs radiofréquences multicanaux – Partie 3: Spécification intermédiaire relatives aux connecteurs circulaires de série MQ5

IEC 63138-3:2022-03(en-fr)

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IEC Secretariat
3, rue de Varembé
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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CONTENTS

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MULTI-CHANNEL RADIO FREQUENCY CONNECTORS –

Part 3: Sectional specification for MQ5 series circular connectors

FOREWORD

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IEC 63138-3 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.

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

Draft	Report on voting
46F/602/FDIS	46F/614/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/standardsdev/publications.

A list of all parts in the IEC 63138 series, published under the general title *Multi-channel 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.

MULTI-CHANNEL RADIO FREQUENCY CONNECTORS –

Part 3: Sectional specification for MQ5 series circular connectors

1 Scope

This part of IEC 63138, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for MQ5 series circular connectors with five RF channels, as well as a detailed specification of the blank format.

An MQ5 series circular connector with 50 Ω nominal impedance has five RF channels that can be engaged and disengaged at the same time. There are two versions of plug connectors, one is a quick-lock version, and the other is a threaded version. The socket connector provides two coupling mechanisms, a quick-lock and a threaded coupling.

MQ5 series circular connectors can be used in mobile communication systems and in other communication equipment.

This document also specifies the mating face dimensions and gauging information of MQ5 series circular connectors, and tests selected from IEC 63138-1, applicable to all detail specifications relating to MQ5 series circular connectors.

2 Normative references

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.

IEC 63138-1:2019, *Multi-channel radio-frequency connectors – Part 1:Generic specification − General requirements and test methods*

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