IEC 60603-7

Edition 4.0 2020-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors

Connecteurs pour équipements électroniques – Partie 7: Spécification particulière pour les fiches et les embases non écrantées à 8 voies

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IEC Central Office
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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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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CONNECTORS FOR ELECTRONIC EQUIPMENT –

Part 7: Detail specification for 8-way, unshielded, free and fixed connectors

FOREWORD

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International Standard IEC 60603-7 has been prepared by subcommittee 48B: Electrical connectors, of IEC technical committee 48: Electrical connectors and mechanical structures for electrical and electronic equipment.

This fourth edition cancels and replaces the third edition, published in 2008, its Amendment 1:2011 and its Amendment 2:2019. It constitutes a technical revision.

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

– Revised the definitions for intermateability and interoperability; added new definitions.
– Corrected dimension line for dimension AZ2 in Figure 5.
– Corrected dimension line for dimension F1 in Figure A.1.
– Revised the reference to ISO/IEC 11801 to ISO/IEC 11801-1.

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– Added lower limiting temperature and upper limiting temperature definitions.
– Revised Table 1 to Table 8 so the column order is Minimum-Nominal-Maximum dimensions (ascending order).
– Corrected Table 7: Climatic category and Upper temperature values to 90 °C (to be consistent with the graph in Figure 10 and Note 1 in Figure 10).
– Revised the wording in 8.2, contact resistance, for clarification.
– Revised Figure 11 and Figure 12 and the wording in the Key below for clarification.
– Removed the sentences under the figure in the Introduction.
– Added Annex E.

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

FDIS	Report on voting
48B/2832/FDIS	8B/2843/RVD

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.

A list of all parts of IEC 60603-7 series, under the general title *Connectors for electronic equipment*, 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 "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

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