

Aerospace series - Electrical contacts used in elements of connection - Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R - Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 3155-075:2022 sisaldab Euroopa standardi EN 3155-075:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 3155-075:2022 consists of the English text of the European standard EN 3155-075:2022.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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EUROPEAN STANDARD

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NORME EUROPÉENNE

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English Version

Aerospace series - Electrical contacts used in elements of connection - Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R - Product standard

Série aérospatiale - Contacts électriques dans les organes de connexion - Partie 075 : Contacts électriques, quadrax, taille 8, femelles, type E, à sertir, classe R - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 075: Elektrische Quadrax Buchsenkontakte Größe 8, Typ E, crimpbar, Klasse R - Produktnorm

This European Standard was approved by CEN on 10 January 2022.

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European foreword

This document (EN 3155-075:2022) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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This document will supersede EN 3175-075:2009.

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1 Scope

This document specifies the required characteristics, tests and tooling applicable to female electrical quadrax contacts, shielded, size 8, type E characteristic impedance 100 Ω , crimp, class R, used in elements of connection according to EN 3155-002.

It is used together with EN 3155-001.

The associated male contacts are defined in EN 3155-074.

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.

EN 2591 (all parts), *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 3155-001, *Aerospace series — Electrical contacts used in elements of connection — Part 001: Technical specification*

EN 3155-002, *Aerospace series — Electrical contacts used in elements of connection — Part 002: List and utilization of contacts*

EN 3155-074, *Aerospace series — Electrical contacts used in elements of connection — Part 074: Contacts, electrical, quadrax, size 8, male, type E, crimp, class R — Product standard¹⁾*

EN 3375-008, *Aerospace series — Cable, electrical, for digital data transmission — Part 008: Single braid — Star Quad 100 ohms — Type KD — Product standard*

EN 3375-011, *Aerospace series — Cable, electrical, for digital data transmission — Part 011: Single braid — Star Quad 100 ohms — Light weight — Type KL — Product standard*

EN 3375-012, *Aerospace series — Cable, electrical, for digital data transmission — Part 012: Single braid — Star Quad 100 ohms — 260 °C — Type KH — Product standard*

EN 3645-001, *Aerospace series — Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 001: Technical specification*

EN 3909, *Aerospace series — Test fluids and test methods for electrical and optical components and sub-assemblies*

EN 4008-003, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 003: Positioner for crimping tool M22520/2-01 — Product standard*

SAE-AS22520, *Crimping Tools, Wire Termination, General Specification for²⁾*

SAE-AS81969/14, *Installing and Removal Tools, Connector Electrical Contact, Type III, Class 2, Composition B²⁾*

1) Published as ASD-STAN Standard at the date of publication of this document by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), <https://www.asd-stan.org/>

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