

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

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 3155-002:2011 sisaldab Euroopa standardi EN 3155-002:2011 ingliskeelset teksti. Standard on kinnitatud Eesti Standardikeskuse 29.07.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas. Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 20.07.2011. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 3155-002:2011 consists of the English text of the European standard EN 3155-002:2011. This standard is ratified with the order of Estonian Centre for Standardisation dated 29.07.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation. Date of Availability of the European standard text 20.07.2011. The standard is available from Estonian standardisation organisation.
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English Version

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

Série aérospatiale - Contacts électriques utilisés dans les
organes de connexion - Partie 002: Liste et utilisation des
contacts

Luft- und Raumfahrt - Elektrische Kontakte zur
Verwendung in Verbindungselementen - Teil 002: Liste und
Verwendung der Kontakte

This European Standard was approved by CEN on 4 May 2011.

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Foreword

This document (EN 3155-002:2011) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2012, and conflicting national standards shall be withdrawn at the latest by January 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 3155-002:2006.

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

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard provides a list of removable crimped contacts as defined in the product standards, with wrapped or soldered connections etc. for use in connectors or other electrical elements of connection. It shows the elements of connection in which they are used.

2 Normative references

The following referenced documents are indispensable for the application 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 2593-001, *Aerospace series — Bases for 10 A electromagnetic plug-in relays, two and four poles double throw — Part 001: Technical specification*.¹⁾

EN 2995-001, *Aerospace series — Circuit breakers, single-pole, temperature compensated, rated current 1 A to 25 A — Part 001: Technical specification*

EN 2996-001, *Aerospace series — Circuit breakers, three-pole, temperature compensated, rated current 1 A to 25 A — Part 001: Technical specification*

EN 2997-001, *Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak — Part 001: Technical specification*

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

EN 3205-001, *Aerospace series — Bases for 5 A plug-in relays, two and four poles double throw — Part 001: Technical specification*.²⁾

EN 3206-001, *Aerospace series — Bases for 25 A plug-in relays, one and three poles — Part 001: Technical specification*.²⁾

EN 3218-001, *Aerospace series — Connectors, rectangular, with metallic shells and screw-locking — Part 001: Technical specification*

EN 3372-001, *Aerospace series — Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperature – 65 °C to 175 °C or 200 °C continuous — Part 001: Technical specification*

EN 3545-001, *Aerospace series — Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures – 55 °C to 175 °C — Part 001: Technical specification*

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*

1) Published as ASD-STAN Prestandard at the date of publication of this standard (www.asd-stan.org).

2) In preparation at the date of publication of this standard.

EN 3646-001, Aerospace series — Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous — Part 001: Technical specification

EN 3682-001, Aerospace series — Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous — Part 001: Technical specification

EN 3708-001, Aerospace series — Modular interconnection systems — Terminal junction systems — Part 001: Technical specification

EN 4067-001, Aerospace series — Connectors, electrical, circular, scoop-proof, coupled by threaded ring, fire-resistant, operating temperature 260 °C peak — Part 001: Technical specification ¹⁾

EN 4165-001, Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 001: Technical specification

EN 6047-001, Aerospace series — Connectors, electrical, circular, coupled by threaded ring, for high current, operating temperature 200 °C continuous and fire-resistant — Part 001: Technical specification ¹⁾

3 List of contacts

See Table 1.

Table 1

Contacts							Elements of connection																	
Designation EN 3155-	Temperature °C	Types						Relay base			Circuit breakers		Connectors											
		Crimped	Soldered	Self-locking	Wrapped wire	Coaxial	Triaxial	EN 2593	EN 3205	EN 3206	EN 2995	EN 2996	EN 2997	EN 3218	EN 3372	EN 3545	EN 3645	EN 3646	EN 3682	EN 3708	EN 4067	EN 4165	EN 6047	EN 4644
003F2222	200	X													X							X		
003F2022	200	X																				X		
003F2020	200	X																				X		
003F2018	200	X																				X		
003F1616	200	X													X							X		
003F1614	200	X													X							X		
003F1214	200	X													X							X		
003F1212	200	X													X							X		
003F1010	200	X													X									
004M2020	260	X										X									X			
004M2018	260	X										X									X			
004M1616	260	X										X									X			
004M1614	260	X										X									X			
004M1618	260	X										X									X			
004M1212	260	X										X									X			

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