
**Aeronavtika - Hermetično zaprti releji 2PDT, 4PDT in 6PDT, 10 AMP - 10. del:
Standard za proizvod**

Aerospace series - Hermetically sealed relays 2PDT, 4PDT and 6PDT, 10 AMP - Part
010: Product standard

Luft- und Raumfahrt - Hermetisch abgedichtete Relais, zwei-, vier- und sechspolige
Wechselschalter, 10 A - Teil 010: Produktnorm

Série aérospatiale - Relais hermétiques 2PDT, 4PDT and 6PDT, 10 AMP - Partie 010 :
Standard produit

Ta slovenski standard je istoveten z: prEN 4915-010

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**Aerospace series - Hermetically sealed relays 2PDT, 4PDT
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Série aérospatiale - Relais hermétiques 2PDT, 4PDT
and 6PDT, 10 AMP - Partie 010 : Standard produit

Luft- und Raumfahrt - Hermetisch dichte relais 2PDT,
4PDT und 6PDT, 10 AMP - Teil 010: Produktnorm

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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prEN 4915-010:2025 (E)**European foreword**

This document (prEN 4915-010:2025) has been prepared by 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-STAN, prior to its presentation to CEN.

This document is currently submitted to the CEN Enquiry.

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1 Scope

This document specifies characteristics for 10 A aerospace relays with the following variations of mounting means (e.g. vertical, horizontal), terminal styles (e.g. hooks, pins for soldering, pins for sockets) the associated finishing (e.g. tin plated, gold plated) and coil voltages (e.g. 6 VDC 12 VDC 28 VDC 48 VDC, 115 VAC) for relays with 2, 4 or 6 poles and with or without internal suppressors or LIE protection.

The built-in suppressor limits the voltage transients resulting from the electrical power shut off.

The relay sockets are not described in this document.

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 2349-001:2022, *Aerospace series — Requirements and test procedures for switching devices*

EN 4914-100:—,¹ *Aerospace series — Test procedures for electromechanical all-or-nothing relays*

EN 4915-001,² *Aerospace series — Hermetically sealed relays 2PDT, 4PDT and 6PDT — Part 001: Technical specification*

MIL-DTL-45204 D,³ *Gold plating, electrodeposited*

EUROCAE ED-14D, *System Engineering — Environmental Conditions and Test Procedures for Airborne Equipment*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 4914-100, EN 4915-001 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

permanent magnet relay

magnet field of the permanent magnet that creates the NO/NC state

4 Symbols and abbreviated terms

For the purposes of this document, the following symbols and abbreviations apply:

2PDT	two poles double throw
DPDT	dual pole double throw

¹ Under development. Stage at the time of preparation: prEN 4914-100:2026

² Under development. Stage at the time of preparation: prEN 4915-001:2026

³ Published by Department of Defense (DoD), available at: <https://assist.dla.mil/online/start/>