

Aerospace series - Cables, electrical for general purpose - Cross sections equal to and greater than 9 mm² - Operating temperatures between - 55 °C and 260 °C - Part 003: Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 2854-003:2009 sisaldab Euroopa standardi EN 2854-003:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 27.03.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 11.02.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 2854-003:2009 consists of the English text of the European standard EN 2854-003:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 27.03.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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ICS 49.060

Võtmesõnad:

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English Version

Aerospace series - Cables, electrical for general purpose -
Cross sections equal to and greater than 9 mm² - Operating
temperatures between - 55 °C and 260 °C - Part 003: Product
standard

Série aérospatiale - Câbles électriques d'usage général -
Sections supérieures ou égales à 9 mm² - Températures de
fonctionnement comprises entre - 55 °C et 260 °C - Partie
003 : Norme de produit

Luft- und Raumfahrt - Elektrische Leitungen für allgemeine
Verwendung - Querschnitte 9 mm² und größer -
Betriebstemperaturen zwischen - 55 °C und 260 °C - Teil
003: Produktnorm

This European Standard was approved by CEN on 4 July 2008.

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Foreword

This document (EN 2854-003:2009) 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 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.

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of an identical text or by endorsement, at the latest by August 2009, and conflicting national standards shall be withdrawn at the latest by August 2009.

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1 Scope

This standard specifies the characteristics of electrical cables for use in the on-board electrical systems of aircraft at operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ for cross sections equal to and greater than 9 mm^2 .

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 2083, *Aerospace series — Copper and copper alloy conductors for electrical cables — Product standard*

EN 2084, *Aerospace series — Cables, electric, single-core, general purpose, with conductors in copper or copper alloy — Technical specification*

EN 2235, *Aerospace series — Single and multicore electrical cables, screened and jacketed*

EN 2854-002, *Aerospace series — Cables, electrical for general purpose — Cross sections equal to and greater than 9 mm^2 — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 002: General*

EN 3475-*, *Aerospace series — Cables, electrical, aircraft use — Test methods*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*