SLOVENSKI STANDARD
oSIST prEN IEC 62641:2021/oprAA:2021

01-julij-2021

Vodniki za nadzemne vode - Žice iz aluminija in aluminijeve zlitine za koncentrično pletene vodnike

Conductors for overhead lines - Aluminium and aluminium alloy wires for concentric lay stranded conductors

Conducteurs pour lignes aériennes - Fils d'aluminium et en alliage d'aluminium pour conducteurs toronnés à couches concentriques

Ta slovenski standard je istoveten z: **prEN IEC 62641:2021/prAA**

ICS:

29.240.20	Daljnovodi	Power transmission and distribution lines
77.150.10	Aluminijski izdelki	Aluminium products

oSIST prEN IEC 62641:2021/oprAA:2021 en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN IEC 62641

prAA

April 2021

ICS

English Version

Conductors for overhead lines - Aluminium and aluminium alloy wires for concentric lay stranded conductors

Conducteurs pour lignes aériennes - Fils d'aluminium et en alliage d'aluminium pour conducteurs toronnés à couches concentriques

To be completed

This draft amendment prAA, if approved, will modify the European Standard prEN IEC 62641; it is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2021-07-23.

It has been drawn up by CLC/TC 7X.

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

This draft amendment was established by CENELEC in three official versions (English, French, German).
A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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CENELEC
European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Project: 72850 Ref. No. prEN IEC 62641:2021/prAA E

European foreword

This document (prEN IEC 62641:2021/prAA:2021) has been prepared by CLC/TC 7X “Overhead electrical conductors”.

This document is currently submitted to the Enquiry.

The following dates are proposed:

• latest date by which the existence of this document has to be announced at national level	(doa)	dor + 6 months
• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	dor + 12 months
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	dor + 36 months (to be confirmed or modified when voting)

1 Modification to Contents

Add at the end of the table of contents “Annex C (normative) Special national conditions”

2 Modification to 3.12, “thermal resistance”

Replace the phrasing “not less than 0,90 after heating“ *with* “not less than 0,85 for single tested wires and 0,90 for average of all tested wires after heating“.

3 Modification to 3.13, “thermal resistant aluminium alloy”

Replace the complete phrasing of the note with “The operation temperature of conventional aluminium alloy wires and hard-drawn aluminium wires is limited to 80°C.”

4 Modification to Clause 4, “Material”

Insert the material “AL7” *between* “AL5” *and* “in Table 1”.

5 Modification to 6.4.8.3, “Requirements”

Replace the phrasing “shall not be less than 0,90.“ *with* “shall not be less than 0,85 for single tested wires and 0,90 for average of all tested wires.“

6 Modification to Table 1, “Designation and properties for calculation purposes”

Insert one line “AL7” *after the line for* “AL5”:

"

	AL7	30,500[e]	30,000[f]	56,5[e]	57,5[f]	3,60

"

7 Modification to Table 3, “Minimum mechanical properties for Ax and ALx wires”

Insert the following lines for “AL7” *at the end of the table:*

"

	AL7	1,50	2,50	300	3,0
		2,50	3,00	290	3,0
		3,00	3,50	275	3,0
		3,50	4,00	265	3,0
		4,00	5,00	255	3,0

"