

# SLOVENSKI STANDARD

## SIST EN 61000-6-5:2016/AC:2018

01-marec-2018

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### Elektromagnetna združljivost (EMC) - 6-5. del: Osnovni standardi - Odpornost opreme, ki se uporablja v okoljih elektrarn in postaj - Popravek AC

Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment

Elektromagnetische Verträglichkeit (EMV) - Teil 6-5: Fachgrundnormen – Störfestigkeit von Betriebsmitteln, Geräten und Einrichtungen, die im Bereich von Kraftwerken und Schaltstationen verwendet werden

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Compatibilité électromagnétique (CEM) - Partie 6-5: Normes génériques - Immunité pour les équipements utilisés dans les environnements de centrales électriques et de postes

Ta slovenski standard je istoveten z: **EN 61000-6-5:2015/AC:2018-01**

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#### **ICS:**

27.100	Elektrarne na splošno	Power stations in general
33.100.20	Imunost	Immunity

**SIST EN 61000-6-5:2016/AC:2018**      **en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61000-6-5:2015/AC:2018-01**

January 2018

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ICS 33.100.20

English Version

**Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment  
(IEC 61000-6-5:2015/COR1:2017)**

Compatibilité électromagnétique (CEM) - Partie 6-5:  
Normes génériques - Immunité pour les équipements  
utilisés dans les environnements de centrales électriques et  
de postes  
(IEC 61000-6-5:2015/COR1:2017)

Elektromagnetische Verträglichkeit (EMV) - Teil 6-5:  
Fachgrundnormen - Störfestigkeit von Betriebsmitteln,  
Geräten und Einrichtungen, die im Bereich von Kraftwerken  
und Schaltstationen verwendet werden  
(IEC 61000-6-5:2015/COR1:2017)

This corrigendum becomes effective on 19 January 2018 for incorporation in the English language version of the EN.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

### Endorsement notice

The text of the corrigendum IEC 61000-6-5:2015/COR1:2017 was approved by CENELEC as EN 61000-6-5:2015/AC:2018-01 without any modification.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE**IEC 61000-6-5**  
Edition 1.0 2015-08**Electromagnetic compatibility (EMC) –  
Part 6-5: Generic standards  
– Immunity for equipment used in  
power station  
and substation environment****IEC 61000-6-5**  
Édition 1.0 2015-08**Compatibilité électromagnétique (CEM) –  
Partie 6-5: Normes génériques  
– Immunité pour les équipements utilisés dans  
les environnements  
de centrales électriques et de postes****CORRIGENDUM 1**

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

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**Table 5 – Immunity specifications – Power station – Low voltage a.c. input and output power ports**

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*Replace in test 3.5 for interface type 3:*

“0,5 kV

(differential mode,  
10 MHz)”

by:

“1 kV

(common mode,  
10 MHz)”

*Replace in test 3.5 for interface type 4:*

“1 kV

(differential mode,  
10 MHz)”

by:

“2 kV

(common mode,  
10 MHz)”

**Table 6 – Immunity specifications – Power station – Low voltage d.c. input and output power ports**

*Replace in test 4.5:*

“Ripple on d.c. power supply”

by:

“Ripple on d.c. power supply<sup>c</sup>”

*Replace in test 4.6 for interface type 3:*

“0,5 kV

(differential mode, 10 MHz)”

by:

“1 kV

(common mode, 10 MHz)”

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*Replace in test 4.6 for interface type 4:*

“1 kV

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https://standards.iteh.ai/catalog/standards/sist/375edd5a-7388-43ce-b7e0-fe3b851a64a9/sist-en-61000-6-5-2016-ac-2018](https://standards.iteh.ai/catalog/standards/sist/375edd5a-7388-43ce-b7e0-fe3b851a64a9/sist-en-61000-6-5-2016-ac-2018)

(differential mode, 10 MHz)”

by:

“2 kV

(common mode, 10 MHz)”

**Table 9 – Immunity specifications – Substation – Low voltage a.c. input and output power ports**

*Replace in test 3.5 for interface types 2, 3 and 4:*

“1 kV

(differential mode, 10 MHz)”

by:

“2 kV

(common mode, 10 MHz)”

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**Table 10 – Immunity specifications – Substation – Low voltage d.c. input and output power ports***Replace in test 4.5:*“Ripple on d.c.  
power supply”

by:

“Ripple on d.c.  
power supply<sup>c</sup>”*Replace in test 4.6 for interface types 3 and 4:*

“1 kV

(differential mode,  
10 MHz)”

by:

“2 kV

(common mode,  
10 MHz)”

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