



## Potvrda o akreditaciji Accreditation Certificate

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is competent according to  
**HRN EN ISO/IEC 17065:2013**  
(ISO/IEC 17065:2012;  
EN ISO/IEC 17065:2012)  
**za/to carry out**

**Certifikacija električnih proizvoda**  
Certification of electrical products

**u području opisanom u prilogu koji je sastavni dio ove potvrde o akreditaciji.**  
for the scope described in the annex which is the constituent part of this accreditation certificate.

**Br./No.:** 3169  
**Klasa/Ref.No.:** 383-02/23-70/006  
**Urbroj/Id.No.:** 569-04/4-26-11  
Zagreb, 2026-04-27

**Akreditacija istječe**-Accreditation expiry: 2029-04-28  
**Prva akreditacija**-Initial accreditation: 2008-12-08

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**Ravnateljica:**  
Director General:  
mr. sc. Mirela Zečević



**Hrvatska akreditacijska agencija**  
Croatian Accreditation Agency

**PRILOG POTVRDI O AKREDITACIJI br: 3169***Annex to Accreditation Certificate Number:*

Klasa/Ref. No.: 383-02/23-70/006

Urbroj/Id. No.: 569-04/4-26-10

Datum izdanja priloga / *Annex Issued on:* 2026-04-27Zamjenjuje prilog/*Replaces Annex:*

Klasa/Ref. No.: 383-02/23-70/006

Urbroj/Id. No.: 569-04/4-25-08

Datum/Date: 2025-04-23

**Norma: HRN EN ISO/IEC 17065:2013***Standard: (ISO/IEC 17065:2012; EN ISO/IEC 17065:2012)***Akreditacija istječe: 2029-04-28***Accreditation expiry:***Prva akreditacija: 2008-12-08***Initial accreditation:***Akreditirano certifikacijsko tijelo:***Accredited Certification Body:***KONČAR - INSTITUT ZA ELEKTROTEHNIKU d.o.o.****Služba za certificiranje i inspekciju - SCERT**

Fallerovo šetalište 22, HR-10000 Zagreb

**Područje akreditacije:***Scope of Accreditation:***Certifikacija električnih proizvoda***Certification of electrical products*

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*Valid issue of the Annex is available at the web address: [www.akreditacija.hr](http://www.akreditacija.hr/)*

**Ravnateljica***Director General:***mr. sc. Mirela Zečević**

## PODRUČJE AKREDITACIJE SCOPE OF ACCREDITATION

<b>1 Certifikacija VN, SN i NN kabela / Certification of cables HV, MV and LV cables</b>		
Certifikacijska shema utemeljena na / Certification scheme based on: zahtjevima norma / standards requirements		
Dokumenti u primjeni / Applicable documents: Certifikacijska shema za certificiranje VN, SN i NN kabela/ Certification scheme for certification of HV, MV and LV cables, izdanje/issue 4, 2024-06-26		
Redni broj No.	Materijal/Proizvod Material/Product	Norma/Normativni dokument* Standard/Normative document*
1.1.	<b>Niskonaponski energetska kabela nazivnog napona do i uključivo 450/750 V (U0/U)</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)</i>	HRN EN 50525-1 <i>(EN 50525-1)</i>
1.2.	<b>Niskonaponski energetska kabela nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Savitljivi kabela s termoplastičnom PVC izolacijom</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) for general applications -- Flexible cables with thermoplastic PVC insulation</i>	HRN EN 50525-2-11 <i>(EN 50525-2-11)</i>
1.3.	<b>Niskonaponski energetska kabela nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Spiralni priključni kabela s termoplastičnom PVC izolacijom</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) for general applications - Cables with thermoplastic PVC insulation for extensible leads</i>	HRN EN 50525-2-12 <i>(EN 50525-2-12)</i>
1.4.	<b>Niskonaponski energetska kabela nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Gibljivi kabela s umreženom elastomernom izolacijom</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) for general applications - Flexible cables with crosslinked elastomeric insulation</i>	HRN EN 50525-2-21 <i>(EN 50525-2-21)</i>
1.5.	<b>Niskonaponski energetska kabela nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Visoko savitljivi kabela s opletom i s umreženom elastomernom izolacijom</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - High flexibility braided cables with crosslinked elastomeric insulation</i>	HRN EN 50525-2-22 <i>(EN 50525-2-22)</i>

Redni broj No.	Materijal/Proizvod Material/Product	Norma/Normativni dokument* Standard/Normative document*
1.6.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Jednožilni kabele bez plašta s termoplastičnom PVC izolacijom</b></p> <p><i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Single-core non-sheathed cables with thermoplastic PVC insulation</i></p>	<p>HRN EN 50525-2-31 (IEC 60227-31; EN 50525-2-31)</p>
1.7.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Jednožilni kabele s umreženom silikonskom gumenom izolacijom</b></p> <p><i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Single core cables with crosslinked silicone rubber insulation</i></p>	<p>HRN EN 50525-2-41 (EN 50525-2-41)</p>
1.8.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Jednožilni kabele bez plašta s umreženom EVA izolacijom</b></p> <p><i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Single core non-sheathed cables with crosslinked EVA insulation</i></p>	<p>HRN EN 50525-2-42 (EN 50525-2-42)</p>
1.9.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Uljno postojani upravljački kabele s termoplastičnom PVC izolacijom</b></p> <p><i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Oil-resistant control cables with thermoplastic PVC insulation</i></p>	<p>HRN EN 50525-2-51 (EN 50525-2-51)</p>
1.10.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Plosnati kabele s trakastim (leonskim) vodičem i s termoplastičnom PVC izolacijom</b></p> <p><i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Flat tinsel cables (cords) with thermoplastic PVC insulation</i></p>	<p>HRN EN 50525-2-71 (EN 50525-2-71)</p>
1.11.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Plosnati kabele s odvojivim žilama i s termoplastičnom PVC izolacijom</b></p> <p><i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Flat divisible cables (cords) with thermoplastic PVC insulation</i></p>	<p>HRN EN 50525-2-72 (EN 50525-2-72)</p>

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1.12.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu - Kabele s umreženim elastomernim omotačem za elektrolučno zavarivanje</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Cables with crosslinked elastomeric covering for arc welding</i></p>	<p>HRN EN 50525-2-81 (EN 50525-2-81)</p>
1.13.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu -- Kabele s umreženom elastomernom izolacijom za ukrasne rasvjetne lance</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications – Cables with crosslinked elastomeric insulation for decorative chains</i></p>	<p>HRN EN 50525-2-82 (EN 50525-2-82)</p>
1.14.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) za opću primjenu -- Višezilni kabele sa silikonskom gumenom izolacijom</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) for general applications - Multicore cables with crosslinked silicone rubber insulation</i></p>	<p>HRN EN 50525-2-83 (EN 50525-2-83)</p>
1.15.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) s posebnom postojanošću na vatru - Savitljivi kabele s bezhalogenom termoplastičnom izolacijom i niskim odavanjem dima</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) with special fire performance - Flexible cables with halogen-free thermoplastic insulation, and low emission of smoke</i></p>	<p>HRN EN 50525-3-11 (EN 50525-3-11)</p>
1.16.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) s posebnom postojanošću na vatru - Gibljivi kabele s umreženom izolacijom bez halogena i niskim ispuštanjem dima</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) with special fire performance - Flexible cables with halogen-free crosslinked insulation, and low emission of smoke</i></p>	<p>HRN EN 50525-3-21 (EN 50525-3-21)</p>
1.17.	<p><b>Niskonaponski energetska kabele nazivnog napona do i uključivo 450/750 V (U0/U) s posebnom postojanošću na vatru - Jednožilni kabele bez plašta s bezhalogenom umreženom izolacijom i niskim odavanjem dima</b> <i>Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) with special fire performance – Single-core non-sheathed cables with halogen-free crosslinked insulation, and low emission of smoke</i></p>	<p>HRN EN 50525-3-41 (EN 50525-3-41)</p>

Redni broj No.	Materijal/Proizvod Material/Product	Norma/Normativni dokument* Standard/Normative document*
1.18.	<b>Distribucijski kabeli nazivnog napona 0,6/1 kV</b> <i>Distribution cables for rated voltage 0,6/1kV</i>	HRN HD 603 (HD 603)
1.19.	<b>Energetski kabeli nazivnih napona 0,6/1 kV i 1,9/3,3 kV s posebnom postojanošću na vatru za uporabu u elektroenergetskim postrojenjima</b> <i>Power cables 0,6/1 kV and 1,9/3,3 kV with special fire performance for use in power station</i>	HRN HD 604 (HD 604)
1.20.	<b>Nadzemni distribucijski kabeli nazivnog napona 0,6/1 kV</b> <i>Overhead distribution cables of rated voltage 0,6/1 kV</i>	HRN HD 626 (HD 626)
1.21.	<b>Energetski višezilni i višeparični kabeli za instalacije iznad i ispod zemlje</b> <i>Multicore and multipair cable for installation above and below ground</i>	HRN HD 627 (HD 627)
1.22.	<b>Vodiči za kabele</b> <i>Conductors of insulated cables</i>	HRN EN 60228 (IEC 60228; EN 60228)
1.23.	<b>Distribucijski kabeli s ekstrudiranom izolacijom za nazivne napone od 3,6/6 (7,2) kV do i uključivo 20,8/36 (42) kV</b> <i>Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV up to and including 20,8/36 (42) kV</i>	HRN HD 620 (HD 620)
1.24.	<b>Energetski kabeli s brizganom izolacijom i pribor za nazivne napone iznad 36 kV (Um= 42 kV) do 150 kV (Um= 170 kV)</b> <i>Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um=42 kV) up to 150 kV (Um=170 kV)</i>	HRN HD 632 (HD 632)
1.25.	<b>Energetski kabeli s ekstrudiranom izolacijom za nazivne napone 1 kV (Um = 1,2 kV) i 3 kV (Um = 3,6 kV)</b> <i>Power cables with extruded insulation for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV)</i>	HRN IEC 60502-1 (IEC 60502-1)
1.26.	<b>Energetski kabeli s ekstrudiranom izolacijom za nazivne napone od 6 kV (Um = 7,2 kV) do 30 kV (Um = 36 kV)</b> <i>Power cables with extruded insulation for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)</i>	HRN IEC 60502-2 (IEC 60502-2)
1.27.	<b>Energetski kabeli s ekstrudiranom izolacijom i pribor za nazivne napone iznad 30 kV (Um = 36 kV) do 150 kV (Um = 170 kV)</b> <i>Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)</i>	HRN IEC 60840 (IEC 60840)

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1.28.	<p><b>Energetski kabele s ekstrudiranom izolacijom i pribor za nazivne napone iznad 150 kV (Um = 170 kV) do 500 kV (Um = 550 kV)</b>  <i>Power cables with extruded insulation and their accessories for rated voltages above 150 kV (Um = 170 kV) up to 500 kV (Um = 550 kV)</i></p>	<p>HRN IEC 62067 (IEC 62067)</p>
1.29.	<p><b>Podmorski energetski kabele s ekstrudiranom izolacijom i njihovi dodaci, za nazivne napone od 6 kV (Um = 7,2 kV) do 60 kV (Um = 72,5 kV)</b>  <i>Submarine power cables with extruded insulation and their accessories for rated voltages from 6 kV (Um = 7,2 kV) up to 60 kV (Um = 72,5 kV)</i></p>	<p>IEC 63026</p>
1.30.	<p><b>Visokonaponski prijenos istosmjernje struje (HVDC) - Kabele s ekstrudiranom izolacijom i njihovi dodaci za nazivne napone do 320 kV za primjenu na kopnu</b>  <i>High voltage direct current (HVDC) power transmission - Cables with extruded insulation and their accessories for rated voltages up to 320 kV for land applications</i></p>	<p>IEC 62895</p>

**2 Certifikacija srednje-, visoko- i nisko- naponske energetske opreme / Certification of medium, high and low voltage electrical equipment**

**Certifikacijska shema utemeljena na / Certification scheme based on:** zahtjevima norma/  
standards requirements

**Dokumenti u primjeni / Applicable documents:** Certifikacijska shema za certificiranje proizvoda prema zahtjevima normi / Certification scheme for product certification using standards requirements, izdanje / issue 8, 2022-09-30

Redni broj No.	Materijal/Proizvod Material/Product	Norma/Normativni dokument* Standard/Normative document*
2.1.	<b>Visokonaponske sklopne aparature / High-voltage switchgear and controlgear</b>	
2.1.1.	<b>Visokonaponska sklopna aparatura: Zajedničke odredbe</b> <i>High-voltage switchgear and controlgear: Common specifications</i>	HRN EN 62271-1 (IEC 62271-1; EN 62271-1)
2.1.2.	<b>Visokonaponski rastavljači i zemljospojnici izmjenične struje</b> <i>Alternating current disconnectors and earthing switches</i>	HRN EN 62271-102 (IEC 62271-102; EN 62271-102)
2.1.3.	<b>Visokonaponske/niskonaponske tvornički dogotovljene transformatorske stanice</b> <i>High-voltage switchgear and controlgear – High voltage / low voltage prefabricated substation</i>	HRN EN 62271-202 (IEC 62271-202; EN 62271-202)
2.2.	<b>Niskonaponski sklopni blokovi / Low voltage switchgear and controlgear assemblies</b>	
2.2.1.	<b>Niskonaponski sklopni blokovi: Zajedničke odredbe</b> <i>Low voltage switchgear and controlgear assemblies: Common specifications</i>	HRN EN 61439-1 (IEC 61439-1; EN 61439-1)
2.2.2.	<b>Blokovi za distribuciju i upravljanje energijom namjenjeni za primjenu u industriji i slično</b> <i>Power switchgear and controlgear assemblies (PSC)</i>	HRN EN 61439-2 (IEC 61439-2; EN 61439-2)
2.2.3.	<b>Niskonaponski sklopni blokovi namjenjeni za ugradnju na mjestima kojima imaju pristup nestručne osobe – Razvodni blokovi</b> <i>Low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use – Distribution</i>	HRN EN 61439-3 (IEC 61439-3; EN 61439-3)
2.2.4.	<b>Sklopni blokovi za gradilišta (ACS)</b> <i>The assemblies for construction sites (ACS)</i>	HRN EN 61439-4 (IEC 61439-4; EN 61439-4)
2.2.5.	<b>Sklopni blokovi za energetske distributivnu mrežu</b> <i>Assemblies for power distribution in public networks</i>	HRN EN 61439-5 (IEC 61439-5; EN 61439-5)
2.2.6.	<b>Prazna kućišta za niskonaponske sklopne blokove</b> <i>Empty enclosures for low-voltage switchgear and controlgear assemblies</i>	HRN EN 62208 (IEC 62208; EN 62208)

\* Fleksibilno područje akreditacije - Dopuštena je primjena novih izdanja norma za koje nije označena godina izdanja / Flexible scope of accreditation - Use of new editions of standards without indicated year of publication is allowed

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The valid list of accredited methods in the flexible scope is available on <https://koncar-institut.hr/hr/certifikacija-popis-normi>