

**SLOVENSKI STANDARD
SIST-TS CLC/TS 50729:2025
01-september-2025**

Železniške naprave - Fiksni postroji in vozna sredstva - Zahteve za vmesnik med polnilno infrastrukturo z namenskimi odseki voznega voda in električnimi vlečnimi enotami z vgrajenimi hranilniki energije za električno vleko in odjemniki toka

Railway applications - Fixed installations and rolling stock - Interface requirements between charging infrastructure with dedicated contact line sections and electric traction units with onboard electric traction energy storages and current collectors

Bahnanwendungen - Ortsfeste Anlagen - Anforderungen für auf dafür vorgesehenen Fahrleitungsschnitten basierende Ladeinfrastruktur von Akkumulator-elektrischen

Applications ferroviaires - Installations fixes - Exigences relatives aux infrastructures de charge pour les unités de traction électrique à accumulateur basées sur des sections de ligne de contact

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ICS:

29.280	Električna vlečna oprema	Electric traction equipment
35.240.50	Uporabniške rešitve IT v industriji	IT applications in industry

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en

**TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION**

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ICS 35.240.50; 29.280

English Version

**Railway applications - Fixed installations and rolling stock -
Interface requirements between charging infrastructure with
dedicated contact line sections and electric traction units with
onboard electric traction energy storages and current collectors**

Applications ferroviaires - Installations fixes - Exigences relatives aux infrastructures de charge pour les unités de traction électrique à accumulateur basées sur des sections de ligne de contact

Bahnanwendungen - Ortsfeste Anlagen und Fahrzeuge - Schnittstellenanforderungen zwischen Ladeinfrastruktur mit dedizierten Fahrleitungsabschnitten und elektrischen Triebfahrzeugen mit bordeigenen elektrischen Traktionsenergiespeichern und Stromabnehmern

This Technical Specification was approved by CENELEC on 2025-04-16.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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