



SLOVENSKI STANDARD
SIST HD 628 S1:1998/A1:2002
01-april-2002

Test methods for accessories for power cables with rated voltage from 3,6/6 kV (Um = 7,2 kV) up to and including 20,8/36 kV (Um = 42 kV)

Test methods for accessories for power cables with rated voltage from 3,6/6 kV (Um = 7,2 kV) up to and including 20,8/36 kV (Um = 42 kV)

Prüfverfahren für Kabelgarnituren für Starkstromkabel mit einer Nennspannung von 3,6/6 (7,2) kV bis 20,8/36 (42) kV

Méthodes d'essais des accessoires des câbles d'énergie de tensions assignées de 3,6/6 (7,2) kV 20,8/36 (42) kV

High STANDARD PREVIEW
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Ta slovenski standard je istoveten z: HD 628 S1:1996/A1:2001

ICS:

29.060.20 Kabli Cables

SIST HD 628 S1:1998/A1:2002 en

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English version

Test methods for accessories for power cables with rated voltage from 3,6/6 kV ($U_m = 7,2$ kV) up to and including 20,8/36 kV ($U_m = 42$ kV)

Méthodes d'essais des accessoires des câbles d'énergie de tensions assignées de 3,6/6 (7,2) kV à 20,8/36 (42) kV

Prüfverfahren für Kabelgarnituren für Starkstromkabel mit einer Nennspannung von 3,6/6 (7,2) kV bis 20,8/36 (42) kV

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This amendment A1 modifies the Harmonization Document HD 628 S1:1996; it was approved by CENELEC on 2000-11-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This amendment to HD 628 S1:1996 has been prepared by WG 11 of CENELEC TC 20, Electric Cables. CENELEC TC 20 confirmed at its Stresa meeting (April 1999) that the draft amendment should go to the Unique Acceptance Procedure.

The draft was submitted to the Unique Acceptance Procedure in December 1999 and was approved by CENELEC as amendment A1 to HD 628 S1 on 2000-11-01.

The following dates were fixed:

- latest date by which the existence of the amendment has to be announced at national level (doa) 2001-04-01
- latest date by which the amendment has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 2001-10-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2002-10-01

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12.2 Method

Replace the text of the subclause by:

The short circuit current shall be applied for a minimum of 10 ms to ensure that the peak current, as specified in HD 629.1 and HD 629.2, is reached.

The waveform shall be recorded.

NOTE In practice, clearance times of the order of 60 ms may be expected. Exceeding this time may cause thermal problems with the cable or accessory.

16 Screen resistance measurement

Replace the second paragraph by:

This test is required for separable connectors without a metallic housing or with a removable metallic housing. The metallic housing shall be removed prior to the test.

This test is not required for separable connectors which can only be used in service with the metallic housing in position.

17 Screen leakage current measurement

Replace the second paragraph by:

This test is required for separable connectors without a metallic housing or with a removable metallic housing. The metallic housing shall be removed prior to the test.

This test is not required for separable connectors which can only be used in service with the metallic housing in position.

18.1 Installation

Replace the text of the subclause by:

18.1 Installation

The purpose of this test is:

- (a) in the case of a solidly earthed or resistance earthed system, in which the first earth fault is cleared,

to demonstrate the ability of the separable connector screen to initiate a fault to earth which produces sufficient current to operate the circuit protection, should its insulation fail.

- (b) in the case of an unearthed or impedance earthed system, in which the first earth fault is held,

to demonstrate the ability of the separable connector screen to initiate and sustain a fault current to earth, should its insulation fail.

The test is applicable only to screened separable connectors and shall be carried out with the connectors installed as in service.

This test is required for separable connectors, without a metallic housing or with a removable metallic housing. The metallic housing shall be removed prior to the test.

This test is not required for separable connectors which can only be used in service with the metallic housing in position.

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