
Električni kabli – Seznam priznanih preostalih nacionalnih tipov

Electric cables – List of residual recognised national types

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**Electric cables –
List of residual recognised national types**

This Technical Report was approved by CENELEC on 2004-06-03.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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CENELEC

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

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Foreword

This Technical Report was prepared by the Technical Committee CENELEC TC 20, Electric cables, to provide information to the CEN/CENELEC national members and the HAR Group, and to allow the latter body to grant licences under the HAR Scheme before the listed cable types are incorporated into the relevant ENs or HDs.

The text of the draft was submitted to the formal vote and was approved by CENELEC as CLC/TR 50424 on 2004-06-03.

This Technical Report will be withdrawn as soon as all cable types listed have been added to their respective EN or HD under the regular maintenance programme of CLC/TC 20.

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Contents

	Page
Introduction.....	4
1 List of residual recognised national types to HD 21, HD 22 and HD 359.....	5
Table 1 – HD 21	5
Table 2 – HD 22	5
Table 3 – HD 359.....	6
2 Specific requirements applicable to residual recognised national types.....	7
2.1 General	7
2.2 HD 21.3, Clause 2 – Table 1 – H07V-R.....	7
2.3 HD 22.3, Clause 2 – Table 1 – H05SJ-U and H05SJ-K.....	7
2.4 HD 22.4, Clause 3 – Table 3 – H05RR-F.....	8
2.5 HD 22.4, Clause 5 – Table 7 – H07RN-F.....	8
2.6 HD 22.12, Clause 4 – Table 3 – H07BB-F.....	8
2.7 HD 22.12, Clause 6 – Table 7 – H07BN4-F.....	9
2.8 HD 22.13, Clause 3 – Table 1 – H07ZZ-F.....	9
2.9 HD 22.16, Clause 3 – Table 1 – H07RN8-F.....	9
2.10 EN 50214, Clause 7 – Table 10 – H07VVH6-F and H07VVD3H6-F.....	10
Bibliography.....	11

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Introduction

The concept, definition and history of "Recognised national types" (RNT) of cable can be found in the foreword CENELEC/TC20(SEC)1221, which was Issue 13 of the list.

By its decision in Kista (May 2002) TC 20 withdrew the list as from 1st January 2003.

This new list of "Residual recognised national types" (RRNT) exists only for the purpose of identifying those cables previously listed as RNT and now agreed for harmonization. The list shows their place in the maintenance scheme, and gives an estimated date for publication of the amendment/new edition of the relevant standard.

For the purposes of equality of treatment, TC 20 decided in Frankfurt (May 2003) to grant immediately the status of "fully harmonised" to all these RRNTs, regardless of the time taken to amend the relevant standard. In order to bring this into full effect, and especially to provide a document that can be used for the purposes of applying the voluntary Common Marking under the HAR Agreement (see 1.3 of HD 21.1 S4 or HD 22.1 S4), this Technical Report has been prepared. It will be maintained until the final cable types are fully incorporated into the relevant standard.

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1 List of residual recognised national types to HD 21, HD 22 and HD 359

Table 1 – HD 21

Part	Clause	Harmonized type	Countries having RRNT	Type(s) agreed for harmonization	Maintenance cycle	Estimated publication date
HD 21.3	2	H07V-R	CH, GB, PT	500, 630, 800, 1 000 mm ²	C	2007

Table 2 – HD 22

Part	Clause	Harmonized type	Countries having RRNT	Type(s) agreed for harmonization	Maintenance cycle	Estimated publication date
HD 22.3	2	H05SJ-K	DE	25-95 mm ²	A	March 2004
HD 22.3	2	H05SJ-U	DE	1-10 mm ²	A	March 2004
HD 22.4	3	H05RR-F	IE, NO	2 and 5 core, 4 mm ²	A	March 2004
HD 22.4	5	H07RN-F	GB	Single core, 630 mm ²	A	March 2004
HD 22.12	4	H07BB-F	FI	5 core, 35-300 mm ²	B1	2005
HD 22.12	6	H07BN4-F	GB	Single core, 630 mm ²	B1	2005
HD 22.13	3	H07ZZ-F	GB	Single core, 630 mm ²	B2	2006
HD 22.16	3	H07RN8-F	GB	Single core, 630 mm ²	B2	2006

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Table 3 – HD 359

Part	Clause	Harmonized type	Countries having RRNT	Type(s) agreed for harmonization	Maintenance cycle	Estimated publication date
-	3	H07VVH6-F H07VVD3H6-F	DE	4 and 5 core, 25 mm ²	In hand. Being added to Clause 7 of revised EN 50214	2005

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2 Specific requirements applicable to residual recognised national types

2.1 General

All cables listed as residual recognised national types shall conform to the requirements of the relevant standard in all respects, except as shown in this Technical Report.

2.2 HD 21.3, Clause 2 – Table 1 – H07V-R

1 Nominal cross-sectional area of conductors mm ²	2 Class of conductor (HD 383)	3 Thickness of insulation Specified value mm	4 Mean overall diameter		6 Minimum insulation resistance at 70 °C MΩ.km
			Lower limit mm	Upper limit mm	
500	2	2,8	30,5	36,9	0,003 0
630	2	2,8	34,0	41,1	0,002 7
800	2	2,8	37,8	45,7	0,002 4
1 000	2	3,0	42.1	51,0	0,002 3

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2.3 HD 22.3, Clause 2 – Table 1 – H05SJ-U and H05SJ-K

1 Type	2 Nominal cross-sectional area of conductors mm ²	3 Thickness of insulation Specified value mm	4 Mean overall diameter		5
			Lower limit mm	Upper limit mm	
H05SJ-U	1	0,6	2,8	3,5	
	1,5	0,7	3,2	4,0	
	2,5	0,8	3,8	4,7	
	4	0,8	4,2	5,3	
	6	0,8	4,7	5,9	
	10	1,0	6,0	7,4	
H05SJ-K	25	1,2	9,0	11,3	
	35	1,2	10,3	12,8	
	50	1,4	11,7	14,6	
	70	1,4	13,8	17,3	
	95	1,6	15,6	19,6	