

INTERNATIONAL STANDARD

IEC 60245-7

1994

AMENDMENT 1
1997-05

Amendment 1

**Rubber insulated cables –
Rated voltages up to and including 450/750 V –
Part 7:
Heat resistant ethylene-vinyl acetate rubber
insulated cables**

[IEC 60245-7:1994/AMD1:1997](https://standards.iteh.ai/catalog/standards/iec/df6573fe-4650-426f-a153-0736f72cfl05/iec-60245-7-1994-amd1-1997)

<https://standards.iteh.ai/catalog/standards/iec/df6573fe-4650-426f-a153-0736f72cfl05/iec-60245-7-1994-amd1-1997>

*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

FOREWORD

This amendment has been prepared by subcommittee 20B: Low-voltage cables, of IEC technical committee 20: Electric cables.

The text of this amendment is based on the following documents:

FDIS	Report on voting
20B/232/FDIS	20B/241/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

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Table 1 – Replace the existing table 1 by the following new table 1:

Table 1 – General data for types 245 IEC 04 and 245 IEC 05

1	2	3	4	5	6
Nominal cross-sectional area of conductor mm ²	Class of conductor IEC 60228	Insulation thickness Specified value mm	Mean overall diameter		Minimum insulation resistance at 110 °C in air ¹⁾ MΩ·km
			Lower limit mm	Upper limit mm	
0,5	1	0,8	2,3	2,9	0,018
0,75	1	0,8	2,4	3,1	0,016
1	1	0,8	2,6	3,2	0,014
1,5	1	0,8	2,8	3,5	0,012
2,5	1	0,9	3,4	4,3	0,011
4	1	1,0	4,0	5,0	0,010
6	1	1,0	4,5	5,6	0,009
10	1	1,2	5,7	7,1	0,008
1,5	2	0,8	2,9	3,7	0,012
2,5	2	0,9	3,5	4,4	0,011
4	2	1,0	4,2	5,2	0,010
6	2	1,0	4,7	5,9	0,008
10	2	1,2	6,0	7,4	0,008
16	2	1,2	6,8	8,5	0,006
25	2	1,4	8,4	10,6	0,006
35	2	1,4	9,4	11,8	0,005
50	2	1,6	10,9	13,7	0,005
70	2	1,6	12,5	15,6	0,004
95	2	1,8	14,5	18,1	0,004

¹⁾ Values based on a specific insulation resistance of 10^{10} Ω·cm at 110 °C in air.