

INTERNATIONAL STANDARD

IEC 60245-6

1994

AMENDMENT 1
1997-06

Amendment 1

**Rubber insulated cables –
Rated voltages up to and including 450/750 V –**

**Part 6:
Arc welding electrode cables**

*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.*

© IEC 1997 Copyright - all rights reserved

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission, 3, rue de Varembe, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

FOREWORD

This amendment has been prepared by sub-committee 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/231/FDIS	20B/246/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.

Page 11

Table 1 – General data for types 245 IEC 81 and 245 IEC 82

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

Table 1 – General data for types 245 IEC 81 and 245 IEC 82

1	2	3	4	5	6	7	8
Nominal cross-sectional area of conductor mm ²	Maximum diameter of wires in conductor mm	Total thickness of covering	Thickness of sheath ¹⁾ of composite covering	Mean overall diameter		Maximum conductor resistance at 20 °C	
		Specified value mm	Specified value mm	Lower limit mm	Upper limit mm	Tinned wires Ω/km	Untinned wires Ω/km
16	0,21	2,0	1,3	8,8	11,0	1,19	1,16
25	0,21	2,0	1,3	10,1	12,7	0,780	0,758
35	0,21	2,0	1,3	11,4	14,2	0,552	0,536
50	0,21	2,2	1,5	13,2	16,5	0,390	0,379
70	0,21	2,4	1,6	15,3	19,2	0,276	0,268
95	0,21	2,6	1,7	17,1	21,4	0,204	0,198

¹⁾ The thickness of the insulation of composite covering is not measured separately.

IECNORM.COM : Click to view the full PDF of IEC 60245-6:1994/AMD1:1997