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I.S. 201 : 1989

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IRISH STANDARD

POLYVINYL CHLORIDE (PVC) INSULATED CABLE AND FLEXIBLE CORDS OF RATED VOLTAGE UP TO AND INCLUDING 450/750 V

NATIONAL STANDARDS AUTHORITY OF IRELAND
DUBLIN 9
IRELAND

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Price Code Z

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AMENDMENT

NO. 1 : 1993

OF

STANDARD SPECIFICATION (POLYVINYL CHLORIDE (PVC) INSULATED CABLE AND FLEXIBLE CORDS OF RATED VOLTAGE UP TO AND INCLUDING 450/750V) DECLARATION, 1989

IRISH STANDARD 201 : 1989

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (5) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Polyvinyl Chloride (PVC) Insulated Cable and Flexible Cords of Rated Voltage Up To and Including 450/750V) Declaration, 1989 (Amendment) No. 1 : 1993.

2. Irish Standard 201 : 1989 set out in the Schedule to the Standard Specification (Polyvinyl Chloride (PVC) Insulated Cable and Flexible Cords of Rated Voltage Up To and Including 450/750V) Declaration, 1989 is hereby amended as indicated in the Schedule hereto.

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SCHEDULE

AMENDMENT NO. 1 TO I.S. 201 : 1989

POLYVINYL CHLORIDE (PVC) INSULATED CABLE AND FLEXIBLE CORDS OF RATED VOLTAGE UP TO AND INCLUDING 450/750V

Page 26 and 27

Each reference to Table A should read Table I.

Page 51

Clause 4.2.1 Code designation.

Delete the existing designation and replace it with:

IE-NO5VVV-U)
IE-NO5VVV-R) "G" or "X"

Page 52

Delete Table A and the associated Note, and replace them with the new Table A below:

PART 4 - TABLE A

Colour code for identification of cores

No. of Cores	Cables containing a green/yellow Code letter "G"	Cables without a green/yellow core Code letter "X"
2	-	Blue. Brown.
3	Green/yellow. Blue. Brown.	(1) Brown. (2) and (3) Any other colour except blue, green/yellow.
4	(1) Green/yellow. (2) Brown. (3) and (4) Any other colour except blue and green/yellow.	(1) Blue. (2) Brown. (3) and (4) Any other colour except blue and green/yellow
5	(1) Green/yellow. (2) Blue. (3) Brown. (4 and (5) Any other colour except blue, yellow/green.	-

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Page 54

Replace the exiting title of PART 4 - TABLE II with the following:

Tests for PVC sheathed cable types IE-NO5VVV-U, IE-NO5VVV-R, IE-NO5VVH2-U, IE-NO5VVH2-R, IE-NO5VVH4-U and IE-NO5VVH4-R.

Page 55

Paragraph 4.3.1 Code designation.

Delete the existing code designation and replace it with:

IE-NO5VVH4-R
IE-NO5VVHR-U

Page 56

Delete PART 4 TABLE III and replace it with the following:

PART 4 - TABLE III

Number and nominal cross-section area of conductor mm^2	Minimum no. of conductors in wire	Radial thickness of insulation mm	Radial thickness of sheath mm	Mean Overall Diameter		Earth Conductor cross-section mm^2	Minimum insulation resistance at 70°C M Ω.Km
				Lover mm	Upper mm		
2 X 1	1	0.6	0.9	4.0 X 7.2	4.7 X 8.6	1.0	0.011
2 X 1.5	1	0.7	0.9	4.4 X 8.2	5.4 X 9.6	1.0	0.011
2 X 2.5	1	0.8	1.0	5.2 X 9.8	6.2 X 11.5	1.5	0.010
2 X 4	6	0.8	1.0	5.6 X 10.5	7.2 X 13.0	1.5	0.008
2 X 6	6	0.8	1.1	6.4 X 12.5	8.0 X 15.0	2.5	0.0065
2 X 10	6	1.0	1.2	7.8 X 16.0	9.6 X 19.5	6.0	0.0065
2 X 16	6	1.0	1.3	9.0 X 18.0	11.0 X 22.5	6.0	0.0052
*2 X 16	6	1.0	1.3	9.0 X 18.0	11.2 X 22.7	10.0	0.0052

*, Spl. for use between Electricity Supply Board meter and consumers distribution board.

Page 57

Clause 4.4.1 Code designation.

Replace the existing designation by the following:

IE-NO5VVH2-U
IE-NO5VVH2-R

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Page 58

Replace the existing title of PART 4 - TABLE IV with the following:

General data for type IE-NO5VVH2-U and IE-NO5VVH2-R.

Page 59

Clause 4.5.1 Code designation.

Replace the existing designation by the following:

IE-NO5VV-U
IE-NO5VV-R

Page 60

Replace the existing title of PART 4 - TABLE V with the following:

General date for type IE-NO5VV-U and IE-NO5VV-R.

GIVEN under the Seal of

EOLAS - The Irish Science and Technology Agency

this 13th day of January 1993

L.S.

THOMAS J. DONLON

Member of the Board of the Agency and Chairman
of the National Standards Authority of Ireland

The Minister for Industry and Commerce hereby gives his consent under Section 20 of the Industrial Research and Standards Act, 1961 to the above declaration.

MICHAEL McKENNA
Assistant Secretary

31 March, 1993

An Officer of the Department of Industry and Commerce duly authorised under Section 15 (4) of the Ministers and Secretaries Act, 1924, to authenticate instruments (under the Industrial Research and Standards Act, 1961) made by the Minister for Industry and Commerce.

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