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(JCMA)

Control cables

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by the Japanese Electric Wire and Cable Maker's Association (JCMA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS C 3401 : 2000** is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
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Control cables

1 Scope This Japanese Industrial Standard specifies the control cables (hereafter referred to as “cables”) to be used for the control circuit of not more than 600 V which are insulated by the polyvinyl chloride resin based compound (hereafter referred to as “vinyl”), polyethylene or cross-linked polyethylene, and sheathed by vinyl, polyethylene or flame retardant compound mainly consisting of polyethylene (hereafter referred to as “flame retardant polyethylene”).

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 0081 *Environmental testing—Electrotechnical products—Fire hazard testing—Smoke obscuration—Small scale statistic method—Materials*

Remarks : **IEC 60695-6-31 : 1999** *Fire hazard testing—Part 6-31 : Smoke obscuration—Small-scale static test—Materials* is identical with the said standard.

JIS C 3005 *Test methods for rubber or plastic insulated wires and cables*

JIS C 3102 *Annealed copper wires for electrical purposes*

JIS C 3666-2 *Test on gases evolved during combustion of electric cables—Part 2 : Determination of degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity*

Remarks : **IEC 60754-2 : 1991** *Test on gases evolved during combustion of electric cables—Part 2 : Determination of degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity*, Amendment 1 (1997) is identical with the said standard.

3 Classification and symbolization Control cables are classified and symbolized as given in Table 1.