



Certificate No.
TA06577M

NIPPON KAIJI KYOKAI

Certificate of Type Test

MANUFACTURER: Helkama Bica Oy, Kaarina, Finland

PRPDUCT: 0.6/1kV Halogen Free Power and Control Cable

TYPE NO.: LKM-HF
LKSM-HF
LKM-FRHF
LKSM-FRHF

TYPE TEST NO.: 98T806


PARTICULARS: Construction IEC Pub.60092-353(1995)
Rated a.c. voltage 0.6 / 1 / 1.2kV
Max. rated conductor temperature 90°C


See Attached Sheets

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until the 23rd October 2010.

Issued at Tokyo on the 24th October 2006


S. Ogawa
General Manager
Machinery Department



Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

Attached sheet to Cert. No.TA06577M

1. LKM-HF
Insulation
Conductor size (1.5~300mm²) Cross-linked polyethylene plastic (XLPE) halogen free
Sheath Thermoplastic (SHF1) halogen free
Flame retardant test IEC Pub.60332-1(2004), 60332-3-22(2000)

2. LKSM-HF
Insulation
Conductor size (1.5~300mm²) Cross-linked polyethylene plastic (XLPE) halogen free
Screen Braid of plain copper wires
Sheath Thermoplastic (SHF1) halogen free
Flame retardant test EC Pub.60332-1(2004), 60332-3-22(2000)

3. LKM-FRHF
Insulation
Conductor size (1.5~95mm²) Cross-linked polyethylene plastic (XLPE) halogen free
Sheath Thermoplastic (SHF1) halogen free
Flame retardant test IEC Pub.60332-1(2004), 60332-3-22(2000)
Fire-resistant IEC Pub.60331-21(1999)

4. LKSM-FRHF
Insulation
Conductor size (1.5~95mm²) Cross-linked polyethylene plastic (XLPE) halogen free
Screen Braid of plain copper wires
Sheath Thermoplastic (SHF1) halogen free
Flame retardant test IEC Pub.60332-1(2004), 60332-3-22(2000)
Fire-resistant IEC Pub.60331-21(1999)

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