



NIPPON KAIJI KYOKAI

Certificate No.
TA12527M

Certificate of Type Test

MANUFACTURER: Helkama Bica Oy, Kaarina, Finland

PRODUCT: 250V Halogen free flame retardant control and instrumentation cable

TYPE NO.: RFA-HF, RFA-HF(i), RFA-FRHF, RFA-FRHF(i)

TYPE TEST NO.: 02T813

PARTICULARS:

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|----------------------------------|--|
| Rated voltage | 150/250V (300V) |
| No. of cores | 1x2, 1x3, 1x4, 2x2 – 37x2 cores (RFA-HF type) 1x2, 1x4, 2x2 – 37x2 cores (RFA-FRHF type) 2x2 – 37x2 cores ((i) type) |
| Conductor size | 0.5, 0.75, 1.5mm ² (0.75, 1.5mm ² in case of -FRHF type) |
| Insulation | Halogen free cross-linked polyethylene (XLPE) |
| Individual shield | Plastic coated aluminium tape ((i) type) |
| Covering | Wrapped tapes of non-hygroscopic material |
| Screen | Aluminumpolyester tape with drain wire |
| Sheath | Halogen free thermoplastic (SHF1) |
| Max. rated conductor temperature | 90°C |

STANDARD: IEC60092-350, IEC60092-351, IEC60092-376, IEC60092-359, IEC60332-1, IEC60332-3-22 Cat.A, IEC60228, IEC60682, IEC60754, IEC61034, IEC60331 (-FRHF type)

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 3 September 2017.

Issued at Tokyo on the 4 September 2012.

T. Narisawa
General Manager
Machinery Department