

TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **14 058 - 15 HH**

Company **DEIF A/S**
Frisenborgvej 33
7800 Skive, DENMARK

Product Description **Insulation Monitoring Device/ Insulation Monitor**

Type **AAL-111Q96-2; AAL-2**

Environmental Category **C, EMC-2**

Technical Data /
Range of Application **For supervision of insulation resistance in isolated AC networks as switchboard instruments**

Measuring circuit

DC Resistance [Ri]: 22 / 220 K Ω
AC Impedance [Zi]: >100 k Ω @ 50 Hz
Mains input voltage [U]: 440 V AC max.

Instrument

Measuring scale range: 1...0 M Ω
10...0 M Ω

Relay function

Setpoint 0...1000 K Ω (1 M Ω scale)
0...10000 k Ω (10 M Ω scale)
Contact rating: AC15: 3A @ 250VAC;
DC13: 3A@ 24VDC

Pollution dgree:

Overvoltage Category: 2
Degree of protection: III
Auxiliary voltage [V]: IP 52, Terminals IP 20 (IP 54 opt.)
115VAC \pm 20% ,230VAC \pm 20%
400VAC \pm 20%
50/ 60 Hz

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**

Documents **Test report : DEIF IPA0347(reference 4910225100E); Summary test reports IPA0347 (2014-07-04); Technical Description -01A (reference 4910211100D)**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.**

Valid until **2020-04-26**

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File No. **I.L.06**

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Type Approval Symbol



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