

**Noratel AS**

P.O. 133

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ISO 9001 Certified

Manufacturer:

**Noratel AS – Norway**

Address:

**P.O. 133, N – 3301 Hokksund Norway**

herewith declares that:

*Type of equipment:*

**1-Phase; DC Power supplies “Safety Isolating Transformers”  
<1000VAC at primary and <50VAC at secondary or <50VDC  $\sqrt{2}$  at secondary**

*Type designation etc.:*

**LF30-xxDC, LF48-xxDC, LF100-xxDC, LF150-xxDC, LF240-xxDC  
DSD24-xx, DSD48-xx**

*Data:*

- 15W ..... 300W • Ripple; max 48% RMS
- Class II • Ambient temp. 40°C • Cooling; AN • Frequency; 47-63Hz
- IP2X/IP4X/IP5X • Insul.cl.; B
- Mobility; stationary or portable • With pri. or sec. cable/plug or sockets

- *is in conformity with the provisions of the following EC directive(s),  
including the latest amendments, and with national legislation implementing this/these directives:*

- 1. Low Voltage Directive 2014/35/EU**
- 2. EMC Directive 2014/30/EU**

*and that the following (parts/clauses of) harmonized standards have been applied:*

- 1. EN 61558-1:2005+A1:2009 - General requirements  
EN 61558-2-6:2009, Particular requirements for Safety isolating transformers for general use.**
- 2. EN 50081-1:1992, EN 50081-2:1993, , EN 50082-1:1997, EN 50082-2:1995**  
Electromagnetic compatibility and Generic immunity according to the EMC directive.  
The transformer contains no components that generate or are sensitive to electromagnetic disturbances.

- *the following (parts/clauses of) national and/or international technical standards and specifications have been applied:*

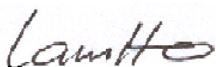
**N/A**

The date of  - marking: **01.01.1997**

Place: **Hokksund**

Date: **19.04.2016**

Signature:



Clarification:

**Lam Quang Ho**

Position:

**Design Engineer**