

The manufacturer declares hereby, that the buffer units listed below, are in conformity with the provisions of the following European Directives:

89/336 and 93/68/EEC Electromagnetic Compatibility Directive
73/23 and 93/68 /EEC Low Voltage Directive

UF20.481 Nominal input voltage: 48VDC; input voltage range: 48...56VDC
Output voltage: 45VDC or $V_{in} - 2V$
Maximum output current: 20A

The following standards were used to assess the products:

EN 61000-6-3:2001 **Generic Emission Standard**
(also meets the requirements of EN 61000-6-4:2001)

- EN 55011 class B and EN 55022 class B (for DC line-routed interference and radiation)

Configuration: Power supply on table, resistance load,
line length load/mains line: 1m for line-routed interference (150kHz-30MHz)
line length load/mains line: 1,5m horizontal and 0,8m vertical for radiated interference (30MHz-1GHz)

EN 61000-6-2:2001 **Generic Immunity Standard**
(also meets the requirements of EN 61000-6-1:2001)

- EN 61000-4-2 (IEC 61000-4-2) Electrostatic discharge
- EN 61000-4-3 (IEC 61000-4-3) Radio frequency electromagnetic field. Amplitude modulated.
- EN 61000-4-4 (IEC 61000-4-4) Fast Transients
- EN 61000-4-5 (IEC 61000-4-5) Surges
- EN 61000-4-6 (IEC 61000-4-6) Radio frequency common mode. Amplitude modulated.

EN 60950-1:2001 **Information technology equipment - Safety -
Part 1: General requirements**

PULS as the manufacturer is liable for this declaration.

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