

Declaration of conformity



Herewith the company

Janitza electronics GmbH

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declares the conformity of the product

Type:

Prophi

Description:

Reactive Power Controller

according to the following regulations:

Guideline **89/336/EWG** in connection with **DIN EN61326 (2002-03)** as well as guideline **73/23/EWG** and **93/68/EWG** in connection with **EN61010-1 (2002-08)**

Considered Norms:

Noise immunity

DIN EN 61326:2002-03

Electrical equipment for measurement, control and laboratory use
EMC requirements;

DIN EN 61000-4-2:2001-12

Electrostatic discharge: 4kV contact discharge (direct/indirect),
8kV air discharge;

DIN EN 61000-4-3:2003-11

Electromagnetic RF field 80-2000MHz, 10V/m, 80% AM / 1kHz;

DIN EN 61000-4-4:2002-07

Electrical fast transient / Burst +-1kV / +-2kV, 5/50ns, 5kHz;

DIN EN 61000-4-5:2001-12

Surge voltage +-1kV sym., +-2kV asym.;

DIN EN 61000-4-6:2001-12

Conducted disturbances 0,15-80MHz, 3V, 80% AM / 1kHz;

DIN EN 61000-4-8:2003-08

Power frequency magnetic field, 100A/m;

DIN EN 61000-4-11:2001-12

Voltage dips, short interrupts and voltage variations 0,5 period, each period 100%

Noise emission

DIN EN 61326:2002-03

Table 4, class B;

DIN EN 61326 /CISPR 16

Radio disturbance field strength 30MHz - 1GHz;

DIN EN 61326 /CISPR 16

Radio disturbance voltage 0,15MHz - 30MHz;

Equipment safety

DIN EN 61010-1:2002-08

Safety requirements for electrical equipment for measurement, control and laboratory use.

Lahnau, 13.10.2005

Markus Janitza