

CONFORMITY CHART

The Electron do Brasil Tecnologia Digital Ltda, established in Avenida Brasil, 2436 – CEP: 13.295-000, Itupeva – SP, declares that the product: Digital Voltage Regulator - DVR, was manufactured and inspected with rigorous procedures and documents, and also calibrated according with national and international norms using RBC trackable patterns.

FCC CONFORMITY DECLARATION

This Device were submitted to type tests in nationally and internationally recognized laboratories credit by Inmetro and within the limits of a Class A digital device, in accordance with Part 15 of the FCC Rules. These limits are projected to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This Device generates, and can radiate radio frequency energy and, if not installed and used as described on the User Manual, external interferences can occur and implicate on the Device perfect operation.

CE CONFORMITY DECLARATION

This Device were submitted to type tests in nationally and internationally recognized laboratories credit by Inmetro and within the limits of a Class A digital device, in accordance with 89/336/EEC (EMC) directive.

TESTS PERFORMED

- Applied Voltage (IEC 60255-5): 2kV / 60Hz / 1 min. (against ground);
- Voltage Boost (IEC 60255-5): 1.2 / 50 sec. / 5kV / 3 neg. and 3 pos. / 5 sec Interval;
- Electrostatic Discharges (IEC 60255-22-2): Air Mode = 8kV / Counted Mode = 6kV;
- Immunity to radiated electromagnetic disturbance (IEC61000-4-3): 80 to 1000 MHz / 10V / m;
- Immunity to Fast Electrical Transients (IEC 60255-22-4): Feed / In / Outs = 4KV / common. 2kV;
- Immunity to radiated electromagnetic disturbance (IEC 61000-4-3): 80 to 1000MHz / 10V / m;
- Immunity to fast electrical transients (IEC 60255-22-4): Feed / In / Outs = 4KV / common. 2KV;
- Surge Immunity (IEC 60255-22-5): 1KV phase / neutral, 5 per polar. (=) - phase to ground / neutral to ground 2kV, 5 per polar (±);
- Immunity to Conducted Electromagnetic Disturbances (IEC61000-4-6): 0.15 to 80 MHz / 10V / m;
- Climate Test (IEC 60068-21-14): -40 ° C + 85 ° C / 72 hours;
- Vibration Resistance (IEC 60255-21-1): 3 axis / 10 to 150 Hz / 2G / 160 min / axis;
- Vibration Response (IEC 60255-21-1): 3 axis / 0.075mm-10 to 58 HZ / 1G from 58 to 150 Hz / 8 min / axis;