

COMPLIANCE LETTER

Electron do Brasil Tecnologia Digital Ltda, established at Avenida Brasil, 2436 – CEP: 13.295-000, Itupeva – SP, declares that the product: MASTERTEMP Transformer Temperature Monitor, was manufactured and inspected based on strict documents and procedures, and they have also been calibrated to national and international standards using standards traceable to the RBC.

FCC COMPLIANCE DECLARATION

This equipment has undergone type testing at nationally and internationally recognized laboratories accredited by Inmetro and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used as described in the User Manual, may cause external interference to cause proper operation of the device.

CE COMPLIANCE DECLARATION

This equipment has been submitted to type tests by nationally and internationally recognized laboratories accredited by Inmetro and has been found to comply with the limits of directive 89/336/EEC (EMC).

TESTS PERFORMED

- Applied Voltage (IEC 60255-5): 2kV / 60Hz / 1 min. (against land);
- Voltage Impulse (IEC 60255-5): 1.2/50 μ sec. / 5kV / 3 neg. and 3 pos. / 5 sec. Interval;
- Electrostatic Discharges (IEC 60255-22-2): Air mode = 8kV / Counted mode = 6 kV;
- Immunity to radiated electromagnetic disturbance (IEC61000-4-3): 80 to 1000 MHz / 10V/m;
- Immunity to Fast Electrical Transients (IEC60255-22-4): Power/Input/Outputs=4KV/common. 2kV;
- Surge Immunity (IEC60255-22-5): phase/neutral 1kV, 5 per polar. (\pm) - phase-ground/neutral-ground 2kV, 5 per polar (\pm);
- Immunity to Conducted Electromagnetic Disturbances (IEC61000-4-6): 0.15 to 80 MHz / 10V/m;
- Climatic Test (IEC60068-21-14): -40°C + 85°C / 72 hours;
- Vibration Resistance (IEC60255-21-1): 3 axes / 10 to 150Hz / 2G / 160min/axis;
- Vibration Response (IEC60255-21-1): 3 axes / 0.075mm-10 to 58 Hz / 1G from 58 to 150 Hz / 8min/axis;