

DECLARATION OF HF ISOLATION TRANSFORMER

According to the section 712.530.3.101 of the regulation NEN 1010:2020, where an earth leakage protection device is used for the protection of the PV-AC supply chain, this device must be of type B in accordance with NEN-EN-IEC 62423, unless:

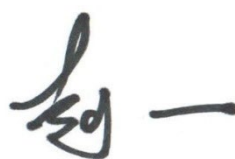
- the inverter provides at least a single separation between the AC side and the DC side,
- the installation provides at least a single separation between the inverter and the earth leakage protection device by means of separate windings of a transformer or
- according to a manufacturer's declaration, the inverter does not require a type B residual-current device.

All of the Hoymiles Micro Storage products use the galvanically isolated high-frequency transformer between the battery and AC output. With this kind of reinforced isolation transformer, Hoymiles micro storage can pass the 6000V impulse voltage test and 3000V dielectric strength test, between the battery (DC circuits) and AC circuits.

Therefore, if Hoymiles micro storages are installed properly, it is not mandatory to use a Type B earth leakage protection device.

This declaration covers all the models shown as below.

Series	Models
MS	MS-A2-FX



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