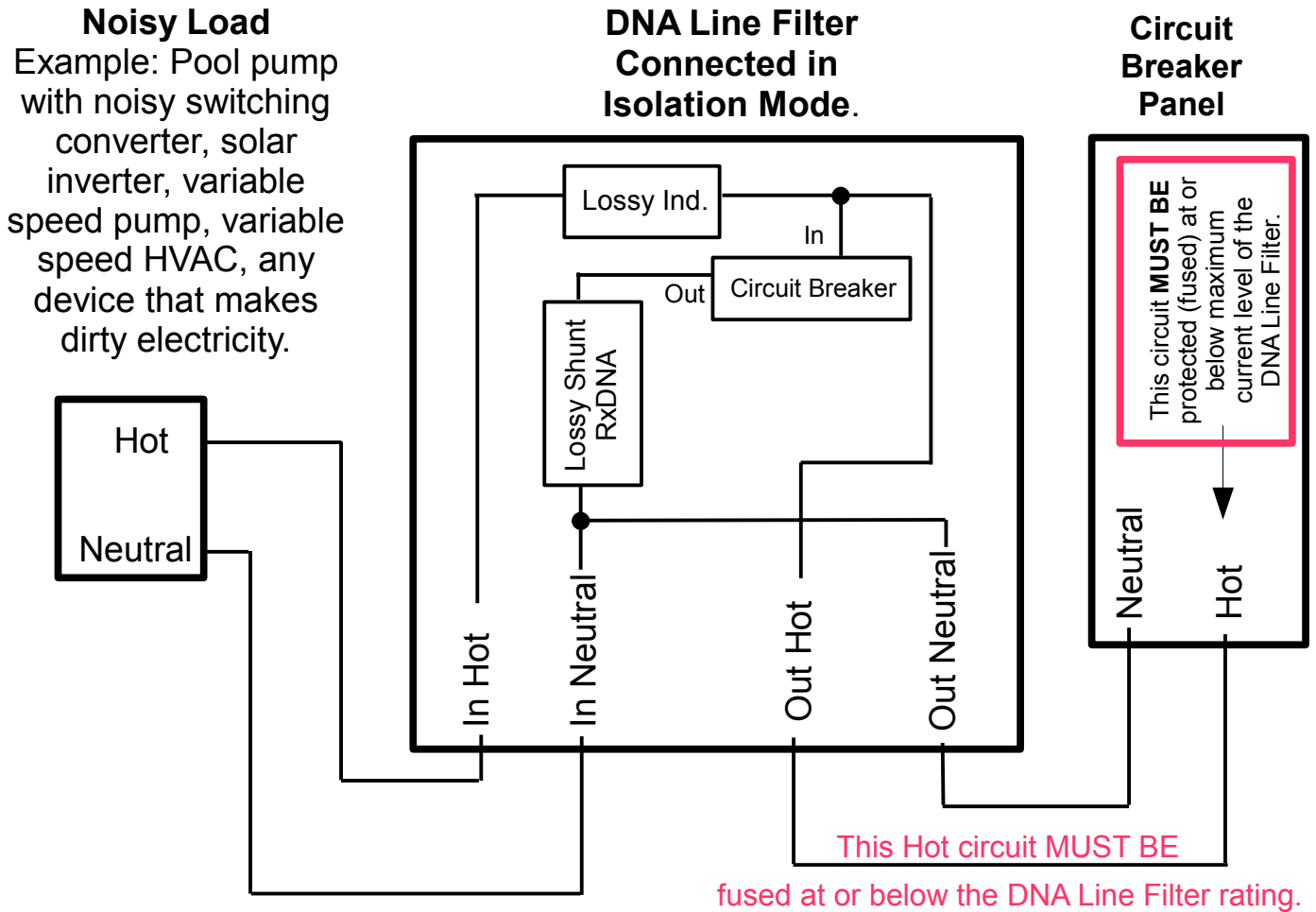


DNA Line Filter Connected In Isolation Mode Single Phase Mode R7



Very, Very Important

In this drawing, the designation "In" refers to the source of Dirty Electricity (DE). It may or may not be the source of 50/60 Hz power.

Examples:

- In the case of an inverter for a solar or wind generation source, the Solar or Wind Inverter output connects to the "In" terminal of the DNA filter.
- In the case of filtering all of the power from a power utility provider, the 50/60 Hz power source from the utility provider, connects to the "In" terminal of the DNA filter (properly fused !).
- In the case of a DE-generating load, such as a pool-pump, switching HVAC, etc, the 50/60 Hz power connects to the "Out" terminals, and the DE-generating load connects to the "In" terminal of the DNA filter.

Always connect the "source" of DE to the "In" terminals.