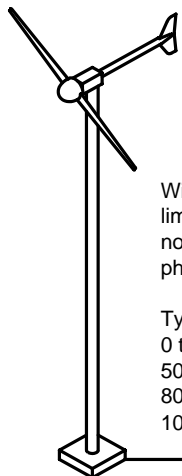


Scirocco + PVI6000 grid inverter Typical wiring scheme (EU)

WARNING : local rules can involve additional fixtures like for instance the installation of a « differential circuit breaker » on grid output

The compliance of the installation with local rules is under the responsibility of the installer.

Scirocco wind turbine

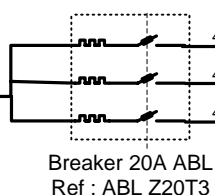


Wind turbine line wiring must be sized to limit the line losses to 150W max. at nominal output power (17Arms per phase)

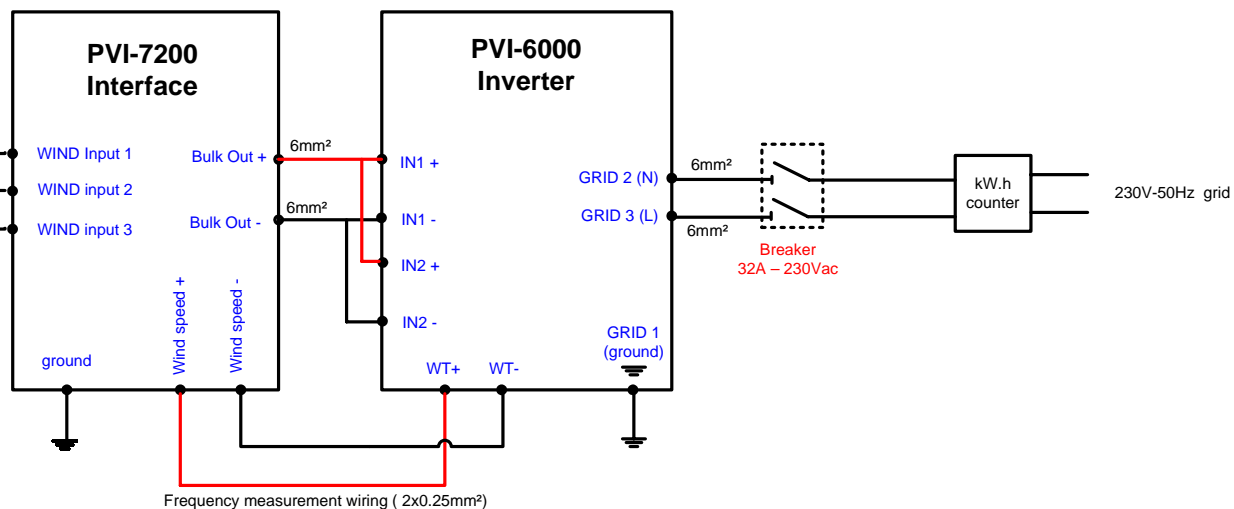
Typical wire size : (copper wires)
 0 to 50m line length : $\geq 3 \times 4\text{mm}^2$
 50 to 80m line length : $\geq 3 \times 6\text{mm}^2$
 80 to 100m line length : $\geq 3 \times 8\text{mm}^2$
 100 to 120m line length: $\geq 3 \times 10\text{mm}^2$

LIGHTNING PROTECTION

It is highly recommended to install an overvoltage arrester device on the generator line just before the thermal circuit breaker



Important : To prevent against running with a missing phase (it will damage the generator), the 3 internal fuses inside the Windbox must imperatively be replaced by copper rods (neutral links – for instance Legrand # 13300)



ABL SURSUM : <http://www.abl-sursum.com/en/company.html>
(breaker Z20T3)

Neutral links 10x38 : Legrand #13300
(for instance www.radiospares.fr ref. 293-8294)

