

Wels, April 1st 2015

INFORMATION RCD FRONIUS SYMO HYBRID

Fronius International GmbH

hereby confirms, that the inverters

- / **Fronius Symo Hybrid 3.0-3-S**
- / **Fronius Symo Hybrid 4.0-3-S**
- / **Fronius Symo Hybrid 5.0-3-S**

are equipped with an AC/DC sensitive residual current monitoring unit (RCMU) according to VDE 0126-1-1.

This unit monitors fault currents from the PV generator to the grid connection of the inverter and disconnects the inverter from the mains if unduly fault currents occur.

In addition the Fronius Symo Hybrid inverters are by construction not able to feed DC fault current (<6mA) into the installation as required by IEC 60364-7-712:2002 and DIN VDE 0100-712.

Depending on the protection of the installation or requirements of the grid operator additional RCD's may be required. In this case, an RCD type A with sensitivity of at least 100mA per inverter can be used, independent if the system is prepared for emergency power or not.

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