



Wels, October 19<sup>th</sup> 2021

## **INFORMATION RCD FRONIUS SYMO GEN24**

### **Fronius International GmbH**

hereby confirms, that the inverters

- / **Fronius Symo GEN24 3.0 – 5.0**
- / **Fronius Symo GEN24 Plus 3.0 – 5.0**
- / **Fronius Symo GEN24 6.0 – 10.0**
- / **Fronius Symo GEN24 Plus 6.0 – 10.0**

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

The RCMU monitors fault currents from the PV generator to the AC output of the inverter and disconnects the inverter from the mains if unduly fault currents occur.

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

Depending on installation protection, grid operator or national standards requirements, the installation of additional RCD's may be required. In this case, a type A RCD with sensitivity of at least 100mA per inverter is recommended.

If necessary, a type A RCD with sensitivity of 30mA per inverter may be also be used, however the inverter may need to have a "Leakage Current Factor" adjusted via the website of the inverter to prevent false tripping.

### **Fronius International GmbH**

Business Unit Solar Energy  
Froniusplatz 1  
A-4600 Wels

A handwritten signature in blue ink, appearing to read "Bernhard Kossak".

Bernhard Kossak, MSc  
Head of Systems Technology