



SHIFTING THE LIMITS

Wels, December 16th 2016

COMPATIBILITY RAPID SHUTDOWN DEVICES

Fronius International GmbH

hereby confirms that the following Fronius SnapInverter series inverters can be considered compatible with 3rd party rapid shutdown devices which meet the specifications listed below:

- / **Fronius Primo 10.0, 11.4, 12.5, 15.0-1 208-240**
- / **Fronius Symo 10.0, 12.0-3 208-240**
- / **Fronius Symo 10.0, 12.5, 15.0, 17.5, 20.0, 22.7, and 24.0-3 480**
- / **Fronius Symo 15.0-3 208***

* only compatible with RSB's with bleed down circuit

Specifications:

/ Supply: Compatibility requires the rapid shutdown device to be powered by a separate power source other than the PV array.

/ Initiation: Initiation of rapid shutdown must involve loss of AC on inverter level. Alternatively the RSB can also be triggered by a separate shut-off button in the rapid shutdown circuit if the RSB has it's own bleed down circuit, sufficient to discharge the input capacitors of the inverter.

/ Examples for compatible Rapid shutdown devices:
/ Innovative Solar RSB with bleed down circuit

/ Note:

Please note that activation of rapid shutdown devices may trip the arc fault detection of the inverter. In such cases the AFCI needs to be reset in order to restart operation of the inverter.

Third party array powered rapid shutdown devices could cause nuisance-tripping of the inverter's arc fault detection system, causing the inverter to turn off. The compatibility of Fronius inverters with third party devices is not guaranteed without a Fronius issued letter of compatibility. Limited use of third party devices will not void the warranty and should be considered acceptable if third party devices are UL listed for this type of application and proper operation can be demonstrated. Under no circumstances will Fronius be liable for any consequential, incidental, special, or punitive damages or losses, whether direct or indirect caused by the use of third party rapid shutdown devices used with Fronius inverters.

Fronius International GmbH

Solar Energy Division
Froniusplatz 1
A-4600 Wels

DI Thomas Mühlberger
Head of Solution Management