Fronius
SHIFTING THE LIMITS

Wels, December 16th 2016

CODE COMPLIANCE FRONIUS RAPID SHUTDOWN BOX

Fronius International GmbH

hereby confirms that the Fronius Rapid shutdown devices

/ **Fronius Rapid Shutdown Box - Single**
/ **Fronius Rapid Shutdown Box - Multi**

comply with Article 690.12 in the 2014 Edition of the National Electrical Code.
The devices are powered directly by the PV array and are controlled by low voltage signal wires connected at a separate terminal of the output terminal block of the RSB device. The signal wiring is controlled by a relay terminal in the inverter and activated by loss of AC power. The use of a DC relay ensures that the PV modules are galvanically isolated from the inverter in the case of a Rapid Shutdown.

After triggering the rapid shutdown process, the Fronius Rapid Shutdown Box devices together with the following Fronius inverters will cause the voltage of the PV homerun conductors to the inverter to decrease to less than 30V in under 10sec, as required in Article 690.12, NEC. Following Fronius inverter are compatible with the Fronius Rapid Shutdown Boxes as described above:

Inverter	Rapid Shutdown Box – Single	Rapid Shutdown Box – Multi
Fronius Galvo 1.5-1 208-240	✓	✓
Fronius Galvo 2.0-1 208-240	✓	✓
Fronius Galvo 2.5-1 208-240	✓	✓
Fronius Galvo 3.1-1 208-240	✓	✓
Fronius Primo 3.8-1 208-240	✓	✓
Fronius Primo 5.0-1 208-240	✓	✓
Fronius Primo 6.0-1 208-240	✓	✓
Fronius Primo 7.6-1 208-240	✓	✓
Fronius Primo 8.2-1 208-240	✓	✓
Fronius Primo 10.0-1 208-240 *)	✓	✓
Fronius Primo 11.4-1 208-240 *)	✓	✓
Fronius Primo 12.5-1 208-240 *)	✓	✓
Fronius Primo 15.0-1 208-240 *)	✓	✓
Fronius Symo 10.0-3 208-240	✓	✓
Fronius Symo 12.0-3 208-240	✓	✓
Fronius Symo 15.0-3 208	-	-
Fronius Symo 10.0-3 480 **)	✓	✓
Fronius Symo 12.5-3 480 **)	✓	✓
Fronius Symo 15.0-3 480 **)	✓	✓
Fronius Symo 17.5-3 480 **)	✓	✓
Fronius Symo 20.0-3 480 **)	✓	✓
Fronius Symo 22.7-3 480 **)	✓	✓
Fronius Symo 24.0-3 480 **)	✓	✓

*) Initiation via loss of AC only with Power stage SW2 version 0.6.34.4 or greater.
**) maximum DC voltage: 600 V

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