

Wels, January 18th 2016

SHIFTING THE AFCI LIMITS BEYOND 60 METRES

Fronius International GmbH

hereby confirms that for the inverters

- / **Fronius Symo 24.0-3 480**
- / **Fronius Symo 22.7-3 480**
- / **Fronius Symo 20.0-3 480**
- / **Fronius Symo 17.5-3 480**
- / **Fronius Symo 15.0-3 480**

AFCI is functional and suitable for installations with DC-line loops (plus to minus) up to 600m (2000ft).

Fronius has conducted tests in order to investigate the functionality of the AFCI in such installations. The tests used the same procedures and met the same requirements as the initial test that was conducted according to UL1699B, but with one key difference. Instead of testing up to ~60m (200ft), as defined per UL1699B – 49.3 Line impedance test, the tests were performed with DC-line loops (plus to minus) of 600m (2000ft).

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