

Self-Declaration ripple control signal

The company

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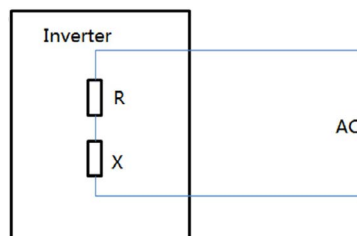
hereby declares that the following products:

PIKO CI 30 / 50 / 60
PIKO CI 30 /50 G2
and PIKO CI 100

is in compliance with the application in the field.

In order to assess the compatibility with the ripple control signal, the French grid operator Enedis requires the impedances of the generators feeding in.

To carry out the assessment, the impedances (R , X , $|Z|$) for PIKO CI inverters at a frequency of 175 Hz are calculated. The following table lists the values.



PIKO CI	X	R	[Z]	Output voltage
30	-43.288	0.021	43.288	3x400 V
50-60	-26.192	0.152	26.192	3x400 V
30 G2	-49.9617	0.0139	49.9617	3x400 V
50 G2	-46.8705	0.0051	46.8705	3x400 V
100	-28.2392	0.0014	28.2392	3x400 V

This declaration applies to all identical specimens of the product. This declaration becomes invalid if a change is made to the unit or the unit is improperly installed.

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