



1/5 Ref. Components of TRIO-TM-50.0-400 (Fimer_EU Declaration of Conformity)

EU Declaration of Conformity CE Marking

We, Fimer S.p.A., Via Tortona, 25, I-20144 Milano (MI), declare under our sole responsibility that the following product

PRODUCT: Components of Solar Grid Tied Inverter
model TRIO-TM-50.0-400 (*)

MODEL(S): TRIO-TM-50.0-400-POWER MODULE (Power Module)
DCWB-X-TRIO-TM-50.0-400 (DC Wiring Box)
where X may be SX2 or SX or S or “blank”
ACWB-X-TRIO-TM-50.0-400 (AC Wiring Box)
where X may be SX or “blank”
(*) General Connectivity Module, model VSN300s, is assembled

TRADE MARK: FIMER
Alternative: ABB (Manufactured under trademark license
agreement by FIMER Group)

to which this declaration relates, is in conformity with the essential requirements of the following European Union harmonization legislation:

- **Directive 2011/65/EU**
on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Commission Delegated Directive (EU) 2015/863
amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances

Component parts of the above mentioned models may make use of the following exemptions, as per Annex III to Directive 2011/65/EU, Applications exempted from the restriction in Article 4(1):

- 6(a) Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight
- 6(c) Copper alloy containing up to 4 % lead by weight
- 7(a) Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)

FIMER S.p.A.

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7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectric devices, or in a glass or ceramic matrix compound

7(c)-II Lead in dielectric ceramic in capacitors for a rated voltage 125 V AC or 250 V DC or higher

- **Directive 2014/53/EU**
relating to the making available on the market of radio equipment

Conformity to the essential requirements of Directive 2014/53/EU is assured by the compliance with the applicable parts of the following harmonised standard:

EN 300 328 V2.1.1:2016

The protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements, but with no voltage limit applying, as set out in

Directive 2014/35/EU
(referred to Article 3.1(a) of Directive 2014/53/EU)

is assured by the conformity with the applicable parts of the following harmonised standards:

EN 62109-1:2010

EN 62109-2:2011

EN 62311:2008

An adequate level of electromagnetic compatibility as set out in

Directive 2014/30/EU
(also referred to Article 3.1(b) of Directive 2014/53/EU)

is assured by the conformity with the applicable parts of the following harmonised standards:

EN 61000-6-1:2007

EN 61000-6-2:2005

EN 61000-6-3:2007 + A1:2011

EN 61000-6-4:2007 + A1:2011

EN 61000-3-11:2000

EN 61000-3-12:2011

EN 301 489-1 V1.9.2:2011

EN 301 489-1 V2.1.1:2017

EN 301 489-17 V3.1.1:2017

3/5 This Declaration of Conformity is not valid any longer, in case, without any written authorization by Fimer S.p.A.:

- the product is modified, supplemented or changed in any other way;
- components, which are not part of the accessories kit, if any, are integrated in the product;
- the product is used or installed improperly.

The last two digits of the year in which the CE Marking was affixed for the first time: 17.

Terranuova Bracciolini, 13 January 2021



Alessandro Rossi
(Testing & Laboratory Manager)



Paolo Casini
(Chief Technical Officer)

EU Declaration of Conformity

CE Marking

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PRODUCT:	Components of Solar Grid Tied Inverter model TRIO-TM-50.0-400
MODEL(S):	TRIO-TM-50.0-400-POWER MODULE (Power Module) DCWB-X-TRIO-50.0-400 (DC Wiring Box) where X may be SX2 or SX or S or "blank" ACWB-X-TRIO-TM-50.0-400 (AC Wiring Box) where X may be SX or "blank"
TRADE MARK:	FIMER Alternative: ABB (Manufactured under trademark license agreement by FIMER Group)

to which this declaration relates, is in conformity with the essential requirements of the following European Union harmonization legislation:

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on the restriction of the use of certain hazardous substances in electrical and electronic equipment**

**Commission Delegated Directive (EU) 2015/863
amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances**

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- 7(a) Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)
- 7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound
- 7(c)-II Lead in dielectric ceramic in capacitors for a rated voltage 125 V AC or 250 V DC or higher

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- **Directive 2014/35/EU**
relating to electrical equipment designed for use within certain voltage limits

Conformity to the essential requirements of Directive 2014/35/EU is assured by the compliance with the applicable parts of the following harmonised standards:

EN 62109-1:2010

EN 62109-2:2011

EN 62311:2008

- **Directive 2014/30/EU**
relating to electromagnetic compatibility

Conformity to the essential requirements of Directive 2014/30/EU is assured by the compliance with the applicable parts of the following harmonised standards:

EN 61000-6-1:2007

EN 61000-6-2:2005

EN 61000-6-3:2007 + A1:2011

EN 61000-6-4:2007 + A1:2011

EN 61000-3-11:2000

EN 61000-3-12:2011

EN 301 489-1 V1.9.2:2011

EN 301 489-1 V2.1.1:2017

EN 301 489-17 V3.1.1:2017

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