

DC-04-027

Declaration of Conformity

Declaration of Conformity DRIVE Smartris

The manufacturer:

LAFERT S.p.A.

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declares under its sole responsibility that:

Smartris Drives

Models/Type: **SM1 family with Safe Torque Off (STO)**

Code: **SM1 follow by letters and/or digit***

* represents options: Motor Size, Feedback, Network Communication, Brake and STO types

when installed, maintained and used in applications for which they were designed, and in compliance with the relevant installation standards and manufacturer's instructions, including Lafert's safety, service and operating instructions available on the website www.lafert.com, comply with the provisions of the following relevant European Union harmonization legislation, wherever applicable:

2006/42/CE (Machinery Directive)

2014/30/UE (EMC - Electromagnetic Compatibility Directive)

2011/65/UE (RoHS Directive and its amendment (EU) 2015/863)

and the fulfillment of the safety objectives of the relevant European Union harmonization legislation has been demonstrated by compliance with the following standards, wherever applicable::

Electromagnetic Compatibility Directive (EMC): IEC 61800-3 2017

Safety: EN 61800-5-1:2007+A1:2017

Safety of machinery. Electrical equipment of machines: EN 60204-1:2018

Functional Safety (STO): EN 61800-5-2:2007 - EN ISO 12100:2010 - EN ISO 13849-1:2015 - EN ISO 61508-2:2010

Brushless servodrives are compliance with **Machinery Directive 2006/42/EC**, Annex IV point 21- Logic units to ensure safety functions – is own-certificated following Article 12 - a.

Compliance of the directive requires the correct installation of the product, the observance of the specific installation notes and product documentation.

The safety and installations of the product documentation are to be considered as a machine.

 marking applied since 1995

Declarations of incorporation:

In response to a reasoned request by the national authorities, we undertake to transmit relevant information on the partly completed machinery identified above through Lafert's authorized representatives established in the European Union. Transmission shall be in digital or physical format, without prejudice to the intellectual property rights of the manufacturer.

DoC signed electronically, for and on behalf of the manufacturer, by:

Mattia Calanchi – Drive Design Manager

Tiziano Rossi - Technical & Engineering manager

Andrea Scotton - Quality Assurance manager