

EU DECLARATION OF CONFORMITY

Enertronica Santerno S.p.A.

Via della Concia, 7 – Castel Guelfo (BO) - Italy

as a Manufacturer

DECLARES

under its sole responsibility that the Variable Frequency Drives of the **SINUS S** series made by the combination of the following parts (one power unit plus one control unit plus one diagnostic module, integrated with STO module):

POWER UNIT	0001 4T	0007 4T	0025 4T
	0002 4T	0011 4T	0030 4T
	0003 4T	0014 4T	0034 4T
	0005 4T	0017 4T	
	0006 4T	0020 4T	
CONTROL UNIT	Standard-I/O	Modbus RTU	PROFINET
	Application-I/O	Modbus TCP	EtherCAT
	CANopen	PROFIBUS	EtherNet IP
DIAGNOSTIC MODULE	Display and keyboard		Wi-Fi comm. Module
	USB comm. Module		Blanking cover
STO MODULE	Safety function STO		

which this declaration relates to, when applied under the operating conditions given in the User Manual and Functional Safety Manual, following the provisions and comply to the listed standards:

Directives	Harmonized standards	
Machine Directive 2006/42/EC Annex VIII and IX	EN 60204-1:2018	Stop Category 0
		Safe Torque Off Category 4
	EN ISO 13489-1:2015	Performance Level (PL): PL e
	EN 61508-1/-2/-3/-4/-5/-6/-7:2010	Safety Integrity Level (SIL): SIL 3
	EN 62061:2005+AC+A1:2013+A2:2015	
	EN 61800-5-2:2017	
Low Voltage Directive 2014/35/EU	EN 61800-5-1:2007+ A1:2017	
Electromagnetic Compatibility Directive 2014/30/EU	EN 61800-3:2004 + A1:2012	
	EN 61800-3:2018	
Restriction of the use of certain hazardous substances 2011/65/EU	EN IEC 63000:2018	

Castel Guelfo, 28th May 2021

Place and Date

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