

varixx



DECLARATION OF CONFORMITY: ZYGGOT ARC FLASH FAMILY



The undersigned representative of Manufacturer:

Varixx Industria Eletrônica LTDA
Rua Felipe Zaidan Maluf 450
Distrito Industrial Unileste
Piracicaba - SP - Brazil

Hereby declares that the products in the following family:

Varixx Zyggot Arc Flash Protection Relay and Sensor Family (attached list of part numbers for reference)

are in conformance with the provisions of the following EC Directives

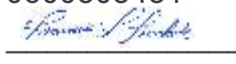
2014/30/EU	Electromagnetic Compatibility Directive (EMC)
2014/35/EU	Low Voltage Directive (LVD)
2019/863/EU	RoHS Directive
IEC 61000-6	Electromagnetic Compatibility (EMC)
CISPR 11	Industrial, scientific and medical equipment
IEC 61131-2:2017	Programmable Controllers
NBR 5456	Eletrotécnica e Eletrônica - Eletricidade Geral - Terminologia
IEC 50 (531)	International Electrotechnical Vocabulary - Automatic Control

through the application of the following standards:

EN 61131-2:2017	Programmable Controllers – Part 2 – Equipment Requirements and tests.
EN 61000-6-2:2016	Electromagnetic compatibility (EMC) Generic Standards– Part 6-2: Immunity for industrial environments.
EN 61000-6-2:2005/AC:2005	Immunity for Industrial Environments (+AC:2005) - Harmonic Currents Injected Into the Public Supply Systems;
EN 61000-6-4:2007 + A1:2018	Electromagnetic Compatibility (EMC) Generic Standards– Part 6-4: Emissions standard for industrial environments.
EN 61000-6-4:2007 + A1:2011	Electromagnetic Compatibility (EMC) Generic Standards– Part 6-4: Emissions standard for industrial environments.
CISPR 11 (2010 – Ed. 5.1)	Radiofrequency disturbance characteristics – Limits and methods of measurement;
IEC 61000-4-2 (2001)	(EMC) - Part 4: Testing and Measurement Techniques. Section 2: Electrostatic discharge immunity test;
IEC 61000-4-3 (2008)	(EMC) - Part 4: Testing and Measurement Techniques. Section 3: Radiated electromagnetic field requirements;
IEC 61000-4-4 (2004)	(EMC) - Part 4: Testing and Measurement Techniques. Section 4: Electrical fast transient;
IEC 61000-4-5 (2005)	(EMC) - Part 4: Test and Measurement Techniques. Section 5: Surge immunity test;
IEC 61000-4-6 (2006)	(EMC) - Part 4: Testing and Meas. Tech. Section 6: Immunity to conducted disturbances induced by radio-frequency fields
IEC 61000-4-8 (2001)	(EMC) - Part 4: Testing and Measurement Techniques. Section 8: Power frequency magnetic field immunity test.

NOTE: The items marked as CPQD have had the EMC tests performed by the CPQD Laboratory (Campinas), according to the following document, which can be consulted on our website: Test Report PD.33.GS.E1A.3313A/RE-08-AA. The items marked as USA have had the EMC tests performed by United States Laboratories and have their respective test report published there. Other non EMC IEC Directives are tested and declared compliant by Varixx.

The Authorized Signatory to this declaration, on behalf of the manufacturer, is identified below:

NAME: Francis Rumenos Piedade - Electronic Engineer - CREA - Regional Council of Engineering and Architecture
TITLE: President - CEO
CREA: 0600503431
SIGNATURE: 
DATE: First Publication: 10/12/2011 /// Revision 1: 20/05/2025

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