



EC DECLARATION OF CONFORMITY

We,
FACTS Engineering, LLC.
8049 Photonics Drive
New Port Richey, FL

Declare under our sole responsibility that our Productivity 1000 I/O and Productivity Open (intended for building-in to open PLC Systems) to which this declaration relates is in conformity with the following:

Low Voltage Directive 2014/35/EU of 20 April 2016
Electromagnetic Compatibility Directive 2014/30/EU of 26 February 2014

Per the provisions of the following standard.
EN61131-2: 2007 (Programmable Controllers, Fourth Edition/2017-08) Zone B
EN61010-1: 2010 and EN61010-2-201 (Safety)

RoHS Directive 2011/65/EU of 8 June 2011 and amendment (EU) 2015/863

More specifically, the following substances are restricted in the production of above products according to Directive limits:

Table with 2 columns: Substance Name and Limit. Includes Cadmium (Cd) 100 ppm, Hexavalent chromium (Cr6+) 1,000 ppm, Lead (Pb) 1,000 ppm, Mercury (Hg) 1,000 ppm, Polybrominated biphenyls (PBB's) 1,000 ppm, Polybrominated diphenyl ethers (PBDE's) 1,000 ppm, Bis(2-Ethylhexyl) phthalate (DEHP) max 0.1%, Benzyl butyl phthalate (BBP) max 0.1%, Dibutyl phthalate (DBP) max 0.1%, Diisobutyl phthalate (DIBP) max 0.1%

REACH Directive EC No 1907/2006 of 18 December 2006

The total amounts of the substances present are less than 0.1% weight X weight.

Signature of Rick Walker
Rick Walker, Vice President

2/8/24
Date

The following modules are covered:

Power Supply: P1-01AC, P1-01DC¹, P1-02AC¹

PAC: P1-540, P1-550¹

Remote Slave: P1-RX³

Discrete Input: P1-08ND3, P1-08SIM, P1-08NE3, P1-16NE3, P1-16ND3, P1-08NA, P1-08ND-TTL⁴

Discrete Output: P1-08TD1, P1-08TD2, P1-15TD1, P1-15TD2, P1-08TA, P1-08TD-TTL⁴

Discrete Combo: P1-16CDR, P1-15CDD1, P1-15CDD2

Relay Output: P1-08TRS, P1-16TR, P1-04TRS⁵

Analog Input: P1-04AD¹, P1-04ADL-1, P1-04ADL-2, P1-08ADL-1¹, P1-08ADL-2¹, P1-04AD-1⁴, P1-04AD-2⁴

Analog Output: P1-04DAL-1, P1-04DAL-2, P1-08DAL-1¹, P1-08DAL-2¹

Analog Combo: P1-4ADL2DAL-1, P1-4ADL2DAL-2

Temperature Modules: P1-04THM, P1-04NTC, P1-04RTD

High Speed Counter: P1-02HSC¹

Pulse Width Modulation: P1-04PWM¹

Productivity Open CPU: P1AM-100², P1AM-200⁴

Productivity Open Shield: P1AM-ETH², P1AM-GPIO², P1AM-SERIAL⁴

Note¹: Launched in 2019

Note²: Launched in 2020

Note³: Launched in 2021

Note⁴: Launched in 2023

Note⁵: Launched in 2024

Additional Information:

It is required that all PLC equipment must be housed in a protective steel enclosure, which limits access to operators by lock and power breaker and that all cables exit enclosure, do so through metallic conduits.

The P1-16CDR and P1-16TR have the following limits in order to comply with 4.2.1 of EN 61131-2:2007.

- Compliant with screw panel mounted configuration.
- Limited in Din Rail mounted configuration from 5Hz to 75Hz.

P1-08TRS, P1-04PWM is limited to cable runs ≤ 30 m.

P1AM-GPIO is limited to cable runs of ≤ 3 m.