



EC DECLARATION OF CONFORMITY

We,

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

Declare under our sole responsibility that our Productivity 2000 I/O (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

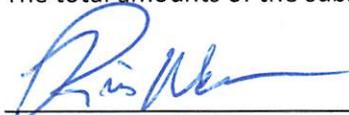
Per the provisions of the following standard.
EN61131-2: 2007¹ (Programmable Controllers, Third Edition/2007-07) Zone B
EN61131-2: 2017² (Programmable Controllers, Fourth Edition/2017-08) Zone B
EN61010 and EN61010-2-201² (Safety)

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:

Cadmium (Cd)	100 ppm
Hexavalent chromium (Cr ⁶⁺)	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.



Rick Walker, Vice President



Date

The following modules are covered:

Power Supply: P2-01AC¹, P2-01DCAC², P2-01DC^{2/3}, P2-02DC⁵

Base: P2-04B², P2-07B², P2-11B², P2-15B²

PAC: P2-550², P2-622^{2/5}, P2CDS-622^{2/5}

Remote Slave: P2-RS²

Discrete Input: P2-08NE3², P2-16NE3², P2-32NE3², P2-08NAS², P2-16NA², P2-08SIM¹, P2-08ND3², P2-16ND3², P2-32ND3², P2-32ND3-1², P2-16ND3-1², P2-08ND3-1²

Discrete Output: P2-08TD1P², P2-08TD2P², P2-16TD1P², P2-16TD2P², P2-32TD1P², P2-32TD2P², P2-08TD1S², P2-08TD2S², P2-15TD1², P2-15TD2²

Triac Output: P2-08TAS², P2-16TA²

Relay Output: P2-08TRS¹, P2-16TR¹

Analog Input: P2-04AD², P2-08AD-1², P2-08AD-2², P2-16AD-1², P2-16AD-2², P2-08ADL-1², P2-08ADL-2², P2-16ADL-1², P2-16ADL-2², P2-04AD-1^{2/3}, P2-04AD-2^{2/3}

Analog Output: P2-04DA², P2-08DA-1², P2-08DA-2², P2-16DA-1², P2-16DA-2², P2-08DAL-1², P2-08DAL-2², P2-16DAL-1², P2-16DAL-2², P2-04DAL-1², P2-04DAL-2², P2-04DA-1^{2/3}, P2-04DA-2^{2/3}

Analog Input/Output: P2-8AD4DA-1¹, P2-8AD4DA-2¹

Temperature Modules: P2-06RTD², P2-08THM², P2-08NTC²

Communications Module: P2-SCM²

High Speed Module: P2-HSI¹, P2-HSO¹

Pulse Width Modulation: P2-04PWM^{2/3}

High Speed Counter: P2-02HSC^{2/3}

Note¹: EMC and Safety (EN61131-2: 2007)

Note²: EMC (EN61131-2:2017) and Safety (EN61010 and EN61010-2-201)

Note³: Launch Date 2020

Note⁴: Launch Date 2022

Note⁵: Launch Date 2023

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 P2-HSI and P2-HSO discrete I/O require shielded cables.

The P2-08TD1P, P2-08TD2P, P2-16TD1P and P2-16TD2P are limited to cable runs ≤ 30 m.

The P2-08TD1P, P2-08TD2P, P2-16TD1P and P2-16TD2P require external surge suppression on runs > 30 m.

The P2-622 and P2CDS-622 require a Ferrite Fair-Rite # 0475176451 or equivalent with three turns on Ethernet cable to comply with Conducted Emissions.