



29 MARCH 2018

Declaration of Conformity

These models provided by Host Automation Products, LLC meet the requirements of the directives listed below:

Do-more! CPUs: H2-DM1E, H2-DM1, BX-DM1-*, BX-DM1E-*

BASE CONTROLLER MODULES: H2-EBC100, BX-DMIO-*, BX-EBC100-*, BX-MBIO-*

COMMUNICATIONS MODULES: H2-ECOM100, H0-ECOM100, H2-ERM100, H2-SERIO, H2-SERIO-4, MB-GATEWAY, GS-EDRV100, H2-ERM100, BX-P-USB-B, BX-P-ECOMLT, BX-P-RS232-RJ12, BX-P-RS232-TERM, BX-P-RS485-TERM

DISCRETE I/O MODULES: BX-05TRS, BX-08*, BX-12*, BX-16*, BX-32*

SPECIALTY I/O MODULES: H2-CTRIO2, H0-CTRIO2

Directives Low Voltage Directive (LVD): 2014/35/EU Electromagnetic Compatibility (EMCD): 2014/30/EU
 RoHS Directive 2011/65/EU REACH Directive EC No 1907/2006

By application of the following standards:

EN61131-2:2007 Programmable Controllers – Part 2: Equipment requirements and tests
 EN61326-1:2006 Class A, Radiated Emissions, Conducted Emissions
 EN61000-3-2:2006 Harmonic Current Emissions
 EN61000-3-3:2008 Voltage Fluctuations and Flicker Test
 EN61000-6-2:2007 EMC – Part 6-2 Generic Standards – Immunity for Industrial Environments
 EN61000-4-2:2009 Electrostatic Discharge Immunity Test
 EN61000-4-3:2009 Radiated Electromagnetic Fields
 EN61000-4-4:2005 Electrical Fast Transient/Burst
 EN61000-4-5:2006 Surge Immunity Test
 EN61000-4-6:2009 Immunity to Conducted Disturbances
 EN61000-4-11:2004 Voltage Dips, Short Interruptions and Voltage Variations

Restricted according to the Directive limits: Cadmium (Cd) 100 ppm Hexavalent chromium (Cr6+) 1000 ppm
 Polybrominated biphenyls (PBB's) 1000 ppm Lead (Pb) 1000 ppm Mercury (Hg) 1000 ppm
 Polybrominated diphenyl ethers (PBDE's) 1000 ppm
 The total amount of restricted substances do not exceed 0.1% of product weight

Additional Requirements: All AC powered systems must be wired through an in line mains filter of type Schaffner FN 2010-1-06, or similar design. The equipment must be properly installed while adhering to the guidelines of the PLC user guide, the PLC installation manual and the installation standards IEC 1000-5-1, IEC 1000-5-2 and IEC 1131-4. It is a requirement that all PLC equipment be housed in a protective steel enclosure, which limits access to operators by a lock and power breaker and that all cables which exit the enclosure, do so through metallic conduit. If access is required by operators or untrained personnel, the PLC equipment must be installed inside an internal cover or secondary enclosure. It should be noted that the safety requirements of the machinery directive standard EN60204-1 state that all PLC power circuits must be wired through isolation transformers or isolating power supplies, and that one side of all ac or dc control circuits must be earthed. Both power input connections to the PLC equipment must be separately fused using 3 amp T type anti-surge fuses, and a transient suppressor fitted to limit supply over voltages.

Signed	
Date	29 March 2018
Name	Tim Dunn
Position	Host Automation Products, LLC, U.S. (being the responsible person appointed by the manufacturer)
Location	Jonesborough, TN U.S. www.hosteng.com