



14 APRIL 2025

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-*, BX-P-ECOMEX, BX-P-ECOMLT, BX-P-RS232-RJ12, BX-P-RS232-TERM, BX-P-RS485-TERM, BX-P-SER2-TERMFC, BX-P-SER422-TERM, BX-P-SPARK, BX-P-OPCUA
DISCRETE I/O MODULES:	BX-05TRS, BX-05TRS-1, BX-08*, BX-12*, BX-16*, BX-32*, BX-8NN8TN2
ANALOG I/O MODULES:	BX-04AD-3, BX08AD-3, BX-2AD2DA-3, BX-4AD4DA-3, BX-04DA-3, BX-08DA-3, BX-04UT, BX-08UT, BX-4UT4DA-3, BX-4UT4TD1, BX-4UT4TD2, BX-4UT4TR
SPECIALTY I/O MODULES:	BX-HSIO1, BX-HSIO2, BX-HSIO4, BX-SERIO, BX-SERIO-2, BX-SERIO-4, H2-CTRIO2, H0-CTRIO2, BX-APAD

Directives	Low Voltage Directive (LVD): 2014/35/EU	Electromagnetic Compatibility (EMCD): 2014/30/EU
	RoHS Directive 2011/65/EU with (EU) 2015/863	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: <100 ppm: Cadmium (Cd) <1000 ppm: Hexavalent chromium (Cr6+), Polybrominated biphenyls (PBB's), Lead (Pb), Mercury (Hg), Polybrominated diphenyl ethers (PBDE's), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP). The total amount of restricted substances does 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 14 APRIL 2025

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