

Declaration of conformity

This is to certify that the below plc equipment conforms to the requirements of the following directives. This statement is only valid when the additional requirements are fulfilled. These requirements are set out below.

The product

Manufacturer Automation Direct.com
Country of manufacture Japan
Model name or number F0-08NA-1, D0-08TR, D0-08CDD1, D0-07CDR, D0-10ND3, D0-16ND3, D0-10TD1, D0-10TD2, D0-16TD1, D0-16TD2, F0-04AD-1, F0-04AD-2, F0-2AD2DA-2, F0-4AD2DA-1, F0-4AD2DA-2, F0-04THM, F0-04RTD, D0 DEVNETS, H0-PSCM, F0-08SIM, H0 ECOM 100, H0 ECOM *, H0-CTRIO*
* Note, see special requirements below.

Directives

Council directive 89/336/EEC, relating to electromagnetic compatibility by the application of the following standards.

- EN 61000-6-4 Generic emission standard. Industrial environments.
- EN 61000-6-2 Generic immunity standard. Industrial environment.

Council directive 73/23/EEC, known as the low voltage directive, by the application of the following standard:

- EN 61010-1 Safety requirements for electrical equipment for measurement, control, and laboratory use. and is suitable for installation category 1, pollution degree 2 when installed according to the below requirements and all others as recommended by the manufacturer.

Additional requirements

The equipment must be properly installed while adhering to the guidelines of the PLC installation manual DAEUM and the installation standards IEC 1000-5-1, IEC 1000-5-2 and IEC 1131-4.

It is a requirement that all plc equipment must 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 trunking (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 states 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 suppresser fitted to limit supply over voltages.

Special requirements

The H0 ECOM and H0-CTRIO are not CE certified for use with DC powered D0-06 PLCs.

The H0 CTRIO is not certified for use with DC powered D0-05 PLCs.

This is because requirements for voltage drops in EN 61131-2, section 9.12, table 43 are not meet when the above mentioned modules are used with the above mentioned DC powered PLCs.

Signed	
Date	4 th January 2006
Name	Mr A.D.S. Harbord (being the responsible person appointed by the manufacturer)
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