

# 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 D0-06AR, D0-06DR, D0-06DD1, D0-06DD2, D0-06DA, D0-06AA,  
D0 16 ND3, D0 06 LCD, H0 ECOM, H0 CTRIO, H0 PSCM

## Directives

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

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

EN 61000-6-4 Generic emission standard. Industrial environments.  
EN 61000-6-2 Generic immunity standard. Industrial environment.  
EN 61131-2 Programmable controllers


## 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.

A suitable in line mains filter (Schaffner FN2010 or equivalent) must be used with this PLC range. 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.

<b>Signed</b>	 .....
<b>Date</b>	12 <sup>th</sup> January 2004
<b>Name</b>	Mr A.D.S. Harbord (being the responsible person appointed by the manufacturer)
<b>Position</b>	Certifications manager, UK testing facility
<b>Location</b>	Automation Direct.com UK Certifications department, Lamonde Research Limited, Project House, Morris Road, South Nutfield, Surrey, RH1 5SA