

# Declaration of conformity

This is to certify that the above 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

### Bases

D2 03B  
D2 03BDC-1  
D2 03BDC-2  
D2 04B  
D2 04BDC-1  
D2 04BDC-2  
D2 06B  
D2 06BDC-1  
D2 06BDC-2  
D2 09B  
D2 09BDC-1  
D2 09BDC-2

### CPUs

D2 230  
D2 240  
D2 250  
H2-WPLC1  
H2-WPLC2  
H2-WPLC1-TD  
H2-WPLC2-TD  
H2-WPLC1-KW  
H2-WPLC2-KW

### Basic IO

D2-08ND3  
D2-16ND3-2  
D2-32ND3  
D2-08NA-1  
D2-08NA-2  
D2-16NA  
D2-04TD1  
D2-08TD1  
D2-16TD1-2  
D2-16TD2-2  
D2-32TD1  
D2-08TA  
D2-12TA  
D2-04TRS  
F2-08TR  
F2-08TRS  
D2-12TR  
D2-08CDR

### Analogue IO

F2-04AD-1  
F2-04AD-1L  
F2-04AD-2  
F2-04AD-2L  
F2-08AD-1  
F2-08AD-2  
F2-02DA-1  
F2-02DA-2  
F2-4AD2DA  
F2-04RTD  
F2-04THM  
F2-02DAS-1  
F2-08DA-2

### Speciality IO

F2-08SIM  
D2-CTRINT  
D2-HPP  
D2-HPP-U  
D2-RMSM  
D2-RSSS  
D2-DCM  
H2-SERIO  
H2-EBC  
H2-ECOM  
F2-DEVNETS  
F2-SDS  
F2-CP128

## 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.

EN50081-2:1994 Generic emission standard. Industrial environments.

EN50082-2:1995 Generic immunity standard. Industrial environment.

EN61010-1:1993 Safety requirements for electrical equipment for measurement, control and laboratory use.

## Additional requirements

All AC powered 205 bases 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 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. 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 suppresser fitted to limit supply over voltages.

## Additional specific requirements

### F2-DEVNETS and F2-SDS

Cables attached to the 5 terminal comms port, must be carried through metallic conduit which is earth bonded to the main cabinet

### F2-CP128

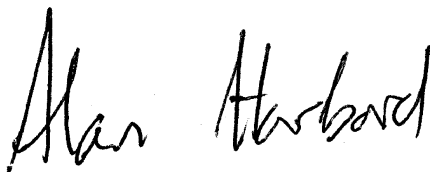
Cables attached to the 4 terminal comms port, must be carried through metallic conduit which is earth bonded to the main cabinet

### H2-EBC

Cables attached to the RS 232 serial and 10 base T Ethernet ports, must be carried through metallic conduit which is earth bonded to the main cabinet

### H2-ECOM

Cables attached to the 10 base T Ethernet port, must be carried through metallic conduit which is earth bonded to the main cabinet



**Signed** .....

**Date** 25<sup>th</sup> April 2001

**Name** Mr A.D.S. Harbord (being the responsible person appointed by the manufacturer)

**Position** Certifications manager, UK testing facility

**Location** Automation Direct.com UK Certifications department, The Oast House, Ladycross Business Park, Hollow Lane, Dormansland, Surrey, England, RH7 6PB