

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 25th April 2001

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

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