

Declaration of conformity

This is to certify that the plc equipment mentioned below 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 and US
Model name or number:

Bases	DC input modules	AC output modules	Analogue input modules
T1K-08B, T1K-16B	T1K-08ND3	T1K-08TA	T1F-08AD-1
T1K-08B-1, T1K-16B-1	T1K-16ND3	T1K-16TA	T1F-08AD-2
Power supply modules	AC input modules	T1K-08TAS	T1F-16AD-1
T1K-01AC	T1K-08NA-1	Relay output modules	T1F-16AD-2
T1K-01DC	T1K-16NA-1	T1K-08TR	Analogue output modules
Interface modules	DC output modules	T1K-16TR	T1F-08DA-1
T1H-EBC	T1K-08TD-1	T1K-08TRS	T1F-08DA-2
T1K-DEVNETS	T1K-16TD-1		T1F-16DA-1
T1K-RSSS	T1K-16TD-2		T1F-16DA-2
T1K-MODBUS	T1K-16TD-2-1		

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

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. If access is required by operators or untrained personnel, the PLC equipment must be installed inside an internal cover or secondary enclosure.

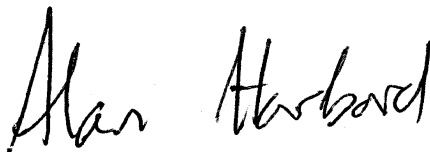
It should be noted that the safety requirements of the machinery directive standard EN60204-1 state that all plc power circuits must be wired through isolation transformers or isolating power supplies, and that one side of all ac or dc control circuits must be earthed.

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.

Specific additional requirements

T1H EBC When using this module, additional requirements must be met so as to reduce radiated emissions to acceptable levels according to the above mentioned standards.

Both comms cables from this module must lie within metallic trunking from the control cubicle to their destination.

Signed	
Date	14 th August 2001
Name	Mr A.D.S. Harbord (being the responsible person appointed by the manufacturer)
Position	Certifications manager, UK testing facility
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