



Danfoss A/S

DK-6430 Nordborg
Denmark
CVR nr.: 20 16 57 15

Telephone: +45 7488 2222
Fax: +45 7449 0949

E-mail: danfoss@danfoss.com
Homepage: www.danfoss.com

EU-DECLARATION OF CONFORMITY

**Danfoss A/S
Automatic Control Division
DK-6430 Nordborg, Denmark**

- declare under our sole responsibility that the product

AKA 243A, AKA 243B, AKA 244 and AKA 245

- to which this declaration relates is in conformity with the following directive(s), standard(s) or other normative document(s):

EU Directive 92/1/EEC
By fulfilling the requirements in the following standard:
EN 12830, 1999-10-11

provided that it used together with Danfoss Electronic Refrigeration Controllers that comply with
EN 13485, 2001-12-21

and that it is used according to our instructions

Date	Issued by	Date	Approved by
2005-09-08	Bent Seested Elec.Consultant	2005-09-08	Jes Christensen Quality Manager



DS/EN 12830 compliance scheme

Temperature recorder	
Suitable for storage	Yes
Suitable for transport	No
I – General requirements	
Measuring range	See data for applied network controller
Chart (disk, type)	Not Applicable
Autonomous power supply	No
Degree of protection provided by enclosure	IP 00 (for panel mounting)
Supply voltage	230V a.c. +10%/-15%
Frequency	50/60Hz
Power cut-offs	Log data are stored in RAM. Log data is protected for approximately 1 year at power failure.
II – Requirements for metrological characteristics	
Maximum permissible error and resolution and temperature measurement error	See data for applied network controller
Recording interval	15 minutes as default value Minimum value: 1 minute Maximum value: 24 hours
Recording duration	Depends upon no. of logging points, log interval and storage period. Total number of recorded temperature values is 60.000.
Maximum relative timing error and time recording error	Max. 1 hour per year
Response time	Less than 20 minutes
Climatic environment and influence of ambient temperature	Type A
Mechanical vibrations	Not applicable
Shock resistance	Not applicable
Climatic environment and temperature testing under storage and transport conditions for the recorder	0-55°C during operation -40°C - +70°C during transport 10 – 90% RH, not condensed
Electrical power disturbances and susceptibility to radiated electromagnetic field and dielectric strength	LVD tested according to EN 60730-1 and EN 60730-2-9 EMC tested according to EN 50081-1, EN 50082-1 and EN 61000-6-2