Danfoss

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

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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	See data for applied network controller		
temperature measurement error			
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	Max. 1 hour per year		
recording error			
Response time	Less than 20 minutes		
Climatic environment and influence of ambient	Type A		
temperature Machanical activations	Niet en all achte		
Mechanical vibrations	Not applicable		
Shock resistance	Not applicable		
Climatic environment and temperature testing	$0-55^{\circ}$ C during operation		
under storage and transport conditions for the	-40° C - +70°C during transport		
recorder Electrical power disturbances and	10 – 90% RH, not condensed LVD tested according to EN 60730-1 and EN 60730-		
susceptibility to radiated electromagnetic field	2-9		
and dielectric strength	EMC tested according to EN 50081-1,		
and dielectric strength	ENC tested according to EN 50081-1, EN 50082-1 and EN 61000-6-2		
	EIN 30002-1 allu EIN 01000-0-2		