



Danfoss A/S

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FoodRetail

Your ref.

Identification number

084R0800 / RR8BG302

Date

2012.02.24

EC-DECLARATION OF CONFORMITY

Danfoss A/S

declares under our sole responsibility that the product(s)

AKA 243, AKA 244 & AKA 245 series

covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

Regulation 2005/37/EC

By fulfilling the requirements in the following standard:

EN 12830, July 1999

EN 13485, Nov 2001

Approved by:

Date: 2012.02.24

Name: Peter Eriksen, Director R&D

DS/EN 12830 & 13485 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 according to EN 60529 (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, EN 60730-2-1 and EN 60730-2-9 EMC tested according to EN 61000-6-2 and EN 61000-6-3

