

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S**
Danfoss Cooling Segment

declares under our sole responsibility that the



Product category: Electronic Controls.

Type designation(s): AK-CC55 Compact, AK-CC55 Single Coil, AK-CC55 Single Coil UI, AK-CC55 Multi Coil, AK-CC55 Multi Coil UI

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

- EN 13485: 2001 - Thermometers for measuring the air and product temperature for the transport, storage and distribution of chilled, frozen, deep-frozen/quick-frozen food and ice cream - Tests, performance, suitability

Date: 2019.09.11 Place of issue: 6430 Nordborg, DK	Issued by 	Date: 2019.09.24 Place of issue: 6430 Nordborg, DK	Approved by 
Signature: Name: Ken Ronnow Title: Global Sys. Architect		Signature: Name: Alberto Candaten Title: R&D Director	

Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation

Thermometer	
Suitable for storage	Yes
Suitable for transport	No
I – General requirements	
Measuring range	-50°C to +50°C
Autonomous power supply	No
Degree of protection provided by enclosure	IP 20 according to EN 60529
Supply voltage	115V a.c. +10%/-15% 230V a.c. +10%/-15%
Frequency	50/60Hz
II – Requirements for metrological characteristics	
Maximum permissible error and resolution and temperature measurement error	Class 1, using Pt1000 sensors (DIN IEC 60751 class B).
Response time	Less than 20 minutes
Climatic environment and influence of ambient temperature	Type A
Mechanical vibrations	Not applicable
Shock proof	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 20 – 80% RH, not condensed
Electrical power disturbances and susceptibility to radiated electromagnetic field and dielectric strength	<u>LVD (2014/35/EU)</u> EN60730-1 and EN60730-2-9 <u>EMC (2014/30/EU)</u> EN61000-6-2 and EN61000-6-3

