



Danfoss A/S

6430 Nordborg
Denmark
CVR nr.: 20 16 57 15

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EU DECLARATION OF CONFORMITY

Danfoss A/S

Danfoss Cooling Segment

declares under our sole responsibility that the

Product category: Refrigeration System Manager

Type designation(s):

- AK-SM 350 Controller. System Manager. Monitor Alarm
- AK-SM 810 Controller. System Manager. Wo. Display
- AK-SM 820 Controller. System Manager. Convenience Store
- AK-SM 850 Controller. System Manager. Refrigeration license
- AK-SM 880 Controller. System Manager. Full / TP78
- AK-SM 800AL Controller. System Manager. W. Touch
- AK-SM 820A (080Z4025), Controller. System Manager. Convenience Store (w.o. Wi-Fi)
- AK-SM 850A (080Z4022), Controller. System Manager. Refrigeration license (w.o. Wi-Fi)

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.

Low Voltage Directive (LVD – 2014/35/EU)

- EN 60730-1:2011 – Automatic Electrical controls for household and similar appliance. Part 1: General requirements
- EN 60730-2-9: 2010 - Particular requirements for temperature sensing control.

Electro Magnetic Compatibility Directive (EMC – 2014/30/EU)

- EN 61000-6-2: 2005 – Electromagnetic compatibility [EMC], Generic standard – Immunity for Industrial Environments.
- EN 61000-6-3: 2007 + A1: 2011 - Electromagnetic compatibility [EMC], Generic standard – Emission standard for residential, commercial and Light-Industrial Environment.

RoHS Directive 2011/65/EU including amendment 2015/863

- EN IEC 63000:2018. Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Date: 2022.01.05 Place of Issue: IN – Chennai, 602105	Issued by  Signature: Name: Saravanan Arumugam Title: Lead Compliance - Engineer	Date: 2022.01.05 Place of Issue: Italy – 31015, Conegliano	Approved by  Signature: Name: Alberto Candaten Title: Director R&D and Engineering ECS-RH
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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

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

Electrical Equipment (Safety) Regulations 2016



- BS EN 60730-1:2011 – Automatic Electrical controls for household and similar appliance. Part 1: General requirements
- BS EN 60730-2-9: 2010 - Part 2-9: Particular requirements for temperature sensing control.

Electromagnetic Compatibility Regulations 2016

- BS EN 61000-6-2: 2005 – Electromagnetic compatibility [EMC], Generic standard – Immunity for Industrial Environments.
- BS EN 61000-6-3: 2007 + A1: 2011 - Electromagnetic compatibility [EMC], Generic standard – Emission standard for residential, commercial and Light-Industrial Environment.

Restriction to Use Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended)

- BS EN IEC 63000:2018. Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

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