



**Danfoss A/S**

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Denmark  
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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 810A Controller, System Manager, Wo. Display
- AK-SM 820A Controller, System Manager, Convenience Store
- AK-SM 850A Controller, System Manager, Refrigeration license
- AK-SM 880A Controller, System Manager, Full / TP78

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.

**RED – Radio Equipment Directive (2014/53/EU)**

**Article 3.1a (LVD)**

- EN 60730-1:2011–Automatic Electrical controls for household and similar use. General requirements.

**Article 3.1b (EMC)**

- EN 61000-6-2: 2005 – Generic standard – Immunity for Industrial Environments.
- EN 61000-6-3: 2007 + A1: 2011 - Generic standard – Emission standard for residential, commercial and Light-Industrial Environment.
- ETSI EN 301 489-1 v2.2.0: 2017 - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services, Part 1: Common technical requirements.
- ETSI EN 301 489-17 v3.2.0: 2017 - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services, Part 17: Specific conditions for Broadband Data Transmission Systems.

**Article 3.2 (Radio)**

- ETSI EN 300 328 v2.2.2: 2019 - Wideband transmission systems, Data transmission equipment operating in the 2,4 GHz band.
- ETSI EN 301 893 v2.1.1: 2017 - 5GHz RLAN.

**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  <b>Signature:</b> <b>Name:</b> Saravanan Arumugam <b>Title:</b> Lead Compliance - Engineer	Date: 2022.01.05 Place of Issue: Italy – 31015, Conegliano	Approved by  <b>Signature:</b> <b>Name:</b> Alberto Candaten <b>Title:</b> 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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**Radio Equipment regulation 2017**

**Safety**

- BS EN 60730-1:2011 –Automatic Electrical controls for household and similar use - General requirements.

**EMC**

- BS EN 61000-6-2: 2005 – Generic standard – Immunity for Industrial Environments.
- BS EN 61000-6-3: 2007 + A1: 2011 - Generic standard – Emission standard for residential, commercial and Light-Industrial Environment.
- ETSI EN 301 489-1 v2.2.0: 2017 - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services, Part 1: Common technical requirements.
- ETSI EN 301 489-17 v3.2.0: 2017 - ElectroMagnetic Compatibility (EMC) standard for radio equipment and services, Part 17: Specific conditions for Broadband Data Transmission Systems.

**Radio**

- ETSI EN 300 328 v2.2.2: 2019 - Wideband transmission systems, Data transmission equipment operating in the 2,4 GHz band.
- ETSI EN 301 893 v2.1.1: 2017 - 5GHz RLAN.

**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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