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MANUFACTURER'S DECLARATION

Danfoss A/S

Danfoss Drives

declares under our sole responsibility that the

Product category: Frequency Converter

Type designation(s): FC-101PXXXYY*****

Character XXX: K25, K37, K75, 1K5, 2K2, 3K0, 3K7, 4K0, 5K5, 7K5, 11K, 15K, 18K, 22K, 30K, 37K, 45K, 55K, 75K, 90K

Character YY: T2, T4, T6

* may be any number or letter indicating drive options which do not impact this declaration.

The meaning of the 39 characters in the type code string can be found in appendix 00729776.

Covered by this declaration is in conformity with the following standard as showed in the overview table, provided that the product is used in accordance with our instructions.

EMC Directive 2014/30/EU

EN61800-3:2004 + A1:2012

Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods.

Date: 2022.07.18 Place of issue: Beijing,CN	Issued by  Signature: Name: Lv Jian Title: Director, Product Management China	Date: 2022.07.18 Place of issue: Beijing,CN	Approved by  Signature: Name: Holst Bo Kjargaard Title: Head of PM&D China
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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

Immunity Compliance Overview
Immunity tests are according to EN61800-3 Second Environment/Industrial environment requirements, which are equivalent or higher than the requirements in EN61000-6-1 and EN61000-6-2.
Immunity tests are performed according to basic test standards: EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6.

Emission Compliance Overview									
FC101	Emission Type	EN61800-3			EN55011			EN61000-6-3	EN61000-6-4
		Cat. C1	Cat. C2	Cat. C3	Class B	Class A1	Class A2	First environment (home and office)	Second environment (industrial environment)
H4 RFI Filter (C2/A1) 0.25–11 kW, T2, IP20 0.37–22 kW, T4, IP20	Conducted Emission	No	25	Yes	No	25	Yes	No	25
	Radiated Emission	No	Yes	-	No	Yes	-	No	Yes
H3 RFI Filter 15-45kW, T2, IP20 30-90kW, T4, IP20	Conducted Emission	20	50	Yes	20	50	Yes	20	50
	Radiated Emission	No	Yes	-	No	Yes	-	No	Yes
H3 RFI Filter 0.75-18.5kW, T4, IP54 22-90kW, T4, IP54	Conducted Emission	10	25	Yes	10	25	Yes	10	25
	Radiated Emission	No	Yes	-	No	Yes	-	No	Yes
H2 RFI Filter (C3/A2) 15–45 kW, T2, IP20 30-90kW, T4, IP20	Conducted Emission	No	No	25	No	No	25	No	No
	Radiated Emission	No	No	-	No	No	-	No	No
H2 RFI Filter (C3/A2) 0.75-18.5kW, T4, IP54	Conducted Emission	No	No	25	No	No	25	No	No
	Radiated Emission	No	Yes	-	No	Yes	-	No	Yes
H2 RFI Filter (C3/A2) 22-90kW, T4, IP54	Conducted Emission	No	No	25	No	No	25	No	No
	Radiated Emission	No	No	-	No	No	-	No	No