Ref. Certif. No.

DE1-67474

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Circulating pump for heating installations
Name and address of the applicant	Grundfos Holding A/S Poul Due Jensens Vej 7, 8850 BJERRINGBRO DENMARK
Name and address of the manufacturer	Grundfos Holding A/S Poul Due Jensens Vej 7, 8850 BJERRINGBRO DENMARK
Name and address of the factory	Grundfos A/S Poul Due Jensens Vej 7, 8850 BJERRINGBRO DENMARK
Note: When more than one factory, please report on page 2	☒ Additional Information on page 2
Ratings and principal characteristics	230V or 220 – 240 V, 50Hz or 50/60 Hz, IP44 without drain holes (including connectors) IPX4D with drain holes (including connectors)
Trademark (if any)	GRUNDFOS
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	GFNKC, GFNKB, GFNHB, GFNFB
Additional information (if necessary may also be reported on page 2)	☒ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60335-1:2010, IEC 60335-1:2010/AMD1:2013, IEC 60335-1:2010/AMD2:2016, IEC 60335-2-51:2019, IEC 62233:2005
As shown in the Test Report Ref. No. which forms part of this Certificate	304374-TL2-1

This CB Test Certificate is issued by the National Certification Body

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE *Testing and Certification Institute*
Zertifizierungsstelle und internat. Angelegenheiten
Certification Body and internat. Affairs

Date: 2023-04-24 Signature: T. Stenger

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Pompes Grundfos S.A.S. Route de Faulquemont, 57740 LONGEVILLE-LES-SAINT AVOLD FRANCE	Grundfos Serbia d.o.o. Obilazni put Sever 21, 22320 Indjija, Republic of SERBIA

Additional information (if necessary)

The circulation pumps in this CB-report have been tested and validated for use in heatpumps according to the conditions in IEC 60335-2-40:2018, cl. 22.116 and 22.117.

The maximum surface temperature has been tested according to IEC 60335-2-40:2018, cl. 22.117 and meets the requirements for heatpumps using propane or other A3 refrigerants with similar ignition levels according to IEC 60335-2-40:2018 Annex BB.

The build-in situation of the pumps shall be evaluated in combination with the end product.

VDE Prüf- und Zertifizierungsinstitut GmbH
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