




TYPE APPROVAL CERTIFICATE
No. ELE030414XG/001

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	FREQUENCY CONVERTERS
<i>Type</i>	Series FC-102
<i>Applicant</i>	DANFOSS POWER ELECTRONICS A/S
	ULSNAES 1 DK-6300 GRAASTEN
	DENMARK
<i>Manufacturer</i>	DANFOSS, LLC
<i>Place of manufacture</i>	4401 N. BELL SCHOOL RD., 61111 LOVES PARK (IL), U.S.A
	ULSNAES 1, DK-6300 GRAASTEN, DENMARK
<i>Reference standards</i>	Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1

Issued in **HAMBURG** on **August 27, 2014**. This Certificate is valid until **August 26, 2019**


RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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Series FC-102

Model: VLT® HVAC Drive Series FC-102

For details, see attachment: Marine Annex - Danfoss Global_docx.pdf

Places of manufacture:

DANFOSS, LLC
4401 N. BELL SCHOOL RD.
61111 LOVES PARK (IL)
U.S.A.

DANFOSS DRIVES A/S
ULSNAES 1
6300 GRAASTEN
DANMARK

This certificate replaces and annuls the previous certificate ELE053713XG/001.

HAMBURG August 27, 2014



Signatures