



TYPE APPROVAL CERTIFICATE
No. **ELE016321XG**

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>	VL Drive Series FC-102; FC-202 and FC-302 with enclosure size D1n/D2n.
<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 **January 28, 2021**. This Certificate is valid until **January 27, 2026**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

TYPE APPROVAL CERTIFICATE
No. **ELE016321XG**
Enclosure - Page 1 of 1
VLT Drive Series FC-102
FC-202 and FC-302 with enclosure size D1n/D2n.

Model: New generation of Low Harmonic Drives (LHD) with enclosure size D1n/D2n which replaces the existing D13 enclosure size

For details, see attachment: Product overview complete Marine approval 00714813.pdf

Places of manufactory:

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

DANFOSS DRIVES A/S
ULSNAES 1
6300 GRAASTEN
DANMARK

HAMBURG January 28, 2021

