



Product Service

Attestation of Conformity

No. E8A 010455 0504 Rev. 00

Holder of Certificate: **Danfoss A/S**
Nordborgvej 81
6430 Nordborg
DENMARK

Name of Object: **AC servo systems**
(VLT® FlexMotion™ System)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: EMC1901290A

Date, 2022-09-07

(Enzo Berardi)

Page 1 of 5

After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s):

VLT® FlexMotion™ System, in configuration:

- VLT® Power Supply Module (PSM 510)
- VLT® Decentral Access Module (DAM 510)
- VLT® Auxiliary Capacitors Module (ACM 510)
- VLT® Expansion Module (EXM 510)
- VLT® Integrated Servo Drive (ISD 511)

PSM 510

MSD510PSM510F2P30C0D6E20XXXXXXXXXXXXXXXXXX

Where:

- MSD 510 (product group)
- PSM 510 (product variant)
- F2 (frame size 2)
- P30C0 (30kW)
- D6 (DC voltage)
- E20 (enclosure IP20)
- The letter "X" represents various unit configurations and can be any combination of the letters "A thru Z", the numbers "0 thru 9" and the symbols "+" or "-".

DAM 510

MSD510DAM510F1C025AD6E20XXXXXXXXXXXXXXXXXX

Where:

- MSD 510 (product group)
- DAM 510 (product variant)
- F1 (frame size 1)
- C025A (25A)
- D6 (DC voltage)
- E20 (enclosure IP20)
- The letter "X" represents various unit configurations and can be any combination of the letters "A thru Z", the numbers "0 thru 9" and the symbols "+" or "-".

Page 2 of 5

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ACM 510

MSD510ACM510F1E00C8D6E20XXXXXXXXXXXXXXXXXX

Where:

- MSD 510 (product group)
- ACM 510 (product variant)
- F1 (frame size 1)
- E00C8 (energy)
- D6 (voltage)
- E20 (enclosure IP20)
- The letter "X" represents various unit configurations and can be any combination of the letters "A thru Z", the numbers "0 thru 9" and the symbols "+" or "-".

2x EXM 510

MSD510EXM510F1C062AD6E20XXXXXXXXXXXXXXXXXX

Where:

- MSD 510 (product group)
- EXM 510 (product variant)
- F1 (frame size 1)
- C062A (62A)
- D6 (voltage)
- E20 (enclosure IP20)
- The letter "X" represents various unit configurations and can be any combination of the letters "A thru Z", the numbers "0 thru 9" and the symbols "+" or "-".

Page 3 of 5

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Model(s):

3x ISD 511

ISD511XT01C5D6E0XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Where:

- ISD (product group)
- 511 (product variant)
- X (option)
- T01C5 (drive torque)
- D6 (drive voltage)
- E0 (frame size)
- The letter "X" represents various unit configurations and can be any combination of the letters "A thru Z", the numbers "0 thru 9" and the symbols "+" or "-".

Description of Object:

VLT® FlexMotion™ System in configuration PSM 510 + DAM 510 + ACM 510 + EXM 510 + ISD 511

Rated input voltage: 400-480 VAC

Auxiliary input voltages: 24 VDC and 48 VDC

PSM 510

MSD510PSM510F2P30C0D6E20

Input-Ratings: Rated Voltage 3x 400-480 VAC, Rated Frequency 50/60 Hz

Output-Ratings: Motor Power / Horse-Power 30 kW / 40.2 hp

DAM 510

MSD510DAM510F1C025AD6E20

Input-Ratings: Rated Voltage 560-680 VDC

Output-Ratings: Rated Voltage Input Voltage VDC, Rated Current 25 A

Page 4 of 5

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ACM 510

MSD510ACM510F1E00C8D6E20

Input-Ratings: Rated Voltage 560-680 VDC

Output-Ratings: Rated Voltage Input Voltage VDC, Energy 800 Ws

2x EXM 510

MSD510EXM510F1C062AD6E20

Input-Ratings: Rated Voltage 560-680 VDC

Output-Ratings: Rated Voltage Input Voltage VDC, Current 62 A

3x ISD 511

ISD511XT01C5D6E0

Input-Ratings: Rated Voltage 560-680 VDC

Output-Ratings: Rated Torque 1.5 Nm

Control Panel

LCP 102

AC-Choke

LR3 40-4/63

**Tested
according to:**

EN 61800-3:2018
EN 61800-5-2:2017

Page 5 of 5

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