TECHNICAL REPORT  
No. 121219 - 14 - TAC  

Test according to ECE Regulation No. 010.04  
Uniform provisions concerning the approval of vehicles  
with regard to electromagnetic compatibility.

ECE No. 010.00 – date of entry into force: 1 April 1969  
including all amendments up to and including  
ECE No. 010.04, date of entry into force: 28 October 2011

Objectives: Document for issue of approval

I. Technical data

0.1. Make (trade name of manufacturer): Danfoss Power Solutions (US) Company

0.2. Type: OX024-11X

0.2.1. Variant: N/A

0.3. Means of identification of type: Printed on the self-adhesive label

0.3.1. Location of that marking: Cover of the unit

0.4. Category of vehicle: N/A

0.5. Name and address of manufacturer: Danfoss Power Solutions (US) Company  
3500 Annapolis Lane North  
Plymouth, MN 55447  
USA

0.8. Addresses of assembly plants: Danfoss Power Solutions (US) Company  
3500 Annapolis Lane North  
Plymouth, MN 55447  
USA

Danfoss Power Solutions ApS  
Nordborgvej 81  
6430 Nordborg  
Denmark

0.9. Location of the approval mark: Printed on manufacturer label
II. Test report

1. Test conditions

1.1. Test sample:
Controller type OX024-11X
Model No.: 11130953
Serial No.: 13390007

1.2. Test procedures used:
Tests executed according to ECE R 10.04 - para. no. 6.5., 6.6., 6.7., 6.8., 6.9. and annexes no. 7, 8, 9, 10.

1.3. Measuring and test equipment:
See in attachment

1.4. Testing conditions:
Indoor test, temperature: 22.6-24.0 °C
Relative humidity: 44.0-48.7 %
12 V DC power supply

1.5. Test track or site:
Laboratory of EMC
TÜV SÜD America Inc.
1775 Old Highway 8 NW, Suite 104
New Brighton MN, 55112
USA

2. Test results

Following numbering is according to Regulation 010.04 /marked in italic/

2.1. 6.5. Broadband elmg. radiation
generated by ESA:
complies,
see attachment No. 1

2.2. 6.6. Narrowband elmg. radiation
generated by ESA:
complies,
see attachment No. 1

2.3. 6.7. Specifications concerning immunity
of ESAs to electromagnetic radiation
complies,
see attachment No. 2

2.4. 6.8. Immunity to transient disturbances:
complies,
see attachment No. 3

2.5. 6.9. Emission of conducted disturbances:
complies,
see attachment No. 4
TU V SUD Czech s.r.o., ECE/UN Technical Service No. E8/C

Technical Report No.: 121219 – 14 – TAC
ECE Regulation No.: 010.04
Manufacturer: Danfoss Power Solutions (US) Company, USA
Type: OX024-11X

3. Specimen submitted to test on: 11 July 2014

4. Date of test: 11 to 18 July 2014

III. Manufacturer's information folder
Document No.: 010 – OX024-11X – 00
8 pages total of 4 August 2014

IV. Attachments
Attachment No. 1: radiated emissions pages 4-6
Attachment No. 2: radiated immunity pages 7-9
Attachment No. 3: transient immunity page 10
Attachment No. 4: transient emissions page 11

Measuring and test equipment and test site meet the requirements of the applicable legislation. This report must never be reproduced incomplete without a written permission of the testing laboratory.

V. Final assessment
The described sample complies with the requirements of ECE Regulation No. 010.04 for issue of the approval certificate.

This technical report consists of pages No. 1 to 11 incl. 8 pages of attachments.

[Signatures and stamps]

Lukas Sedlacek
Officially recognized expert

Martin Hron
Business Unit Manager of Vehicle Certification

Prague, 20 October 2014