



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

**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
- 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

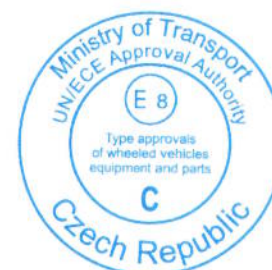
1. Test conditions

- 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



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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.

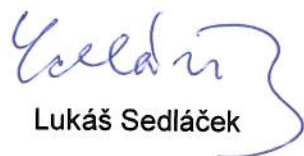
V. Final assessment

The described sample

complies

with the requirements of ECE Regulation No. 010.04
for issue of the approval certificate.

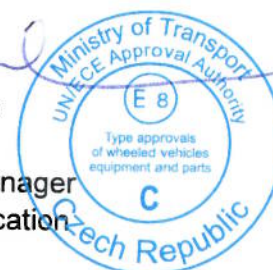
This technical report consists of pages No. 1 to 11 incl. 8 pages of attachments.


Lukáš Sedláček

Officially recognized expert


Martin Hron

Business Unit Manager
of Vehicle Certification



Prague, 20 October 2014