



Technical Report No.: 121215 – 14 – TAC  
ECE Regulation No.: 010.04  
Manufacturer: Danfoss Power Solutions (US) Company, USA  
Type: DP250

**TECHNICAL REPORT  
No. 121215 – 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: DP250  
0.2.1. Variants: See manufacturer's Information document  
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



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**II. Test report**

**1. Test conditions**

- 1.1. Test sample: Display type DP250  
Model No.: 11075900  
Serial No.: 14240136
- 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: 44.0-46.9 %  
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: 14 to 18 July 2014

III. Manufacturer's information folder No.: 010 – DP250 – 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

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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.

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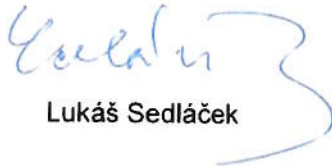
V. Final assessment

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, 13 October 2014

## Information Document

1. Make (trade name of manufacturer): Danfoss Power Solutions (US) Company
2. Type: DP250
- 2.1. Variants:
  - DP250-00-00-04-00-00
  - DP250-00-01-05-00-00 (EIC Installed)
  - DP250-01-01-04-05-00
  - DP250-01-01-05-05-00
  - DP250-05-01-04-05-00
  - DP250-05-01-05-05-00
  - DP250-06-01-04-05-01
  - DP250-06-01-05-05-01
  - DP250-02-01-04-05-02
  - DP250-01-01-05-05-02
  - DP250-01-01-04-05-02
  - DP250-00-00-05-00-00
  - DP250-01-01-05-05-00
  - DP250-01-01-04-05-00
  - DP250-01-01-05-05-00
  - DP250-05-01-05-05-00
3. Means of identification of type, if marked on the component/separate technical unit: printed on the self-adhesive label
- 3.1. Location of that marking: cover of the unit

