Communication concerning approval granted of a type of electrical/electronic sub-assembly with regard to Regulation No 10

Approval No: 03156

1. Make: (trade name of manufacturer) Sauer-Danfoss

2. Type and general commercial description: TMC/MC018

3. Means of identification of type, if marked on the component: Designation of type on label

3.1. Location of that marking: Label on the top side of the ESA

4. Category of vehicle: N/A

5. Name and address of manufacturer: Sauer-Danfoss AB Teknikgatan 1 SE-343 34 Älmhult

6. Location and method of affixing the ECE approval mark: Label on the top side of the ESA

7. Address(es) of assembly plant(s): See item 5.

8. Additional information: See appendix

9. Technical service responsible for carrying out the tests: SP Technical Research Institute of Sweden Box 857 S-501 15 BORÅS SWEDEN

10. Date of test report: 2012-09-06

11. Number of test report: FX213284

12. Remarks (if any): See appendix

13. Place: Borlänge

14. Date: 2012-12-19

15. Signature: Swedish Transport Agency

Bo Nilsson
16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

- Bilaga 2B
- Test report FX213284

**Appendix** to type approval communication form No: 04155
Concerning the type approval of an electrical/electronic sub-assembly under Regulation No. 10

1. Additional information

1.1. Electrical system rated voltage: 9-36 V, negative ground

1.2. This ESA can be used in any vehicle type with the following restrictions: Not applicable

1.2.1. Installation conditions: Not applicable

1.3. This ESA unit can be used only in the following vehicle types: Not applicable

1.3.1. Installation conditions: Not applicable

1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were:

   ISO 11 452-4, 20-200 MHz
   ISO 11 452-2, 200-800 MHz
   ISO 11 452-2, 800-2000 MHz

1.5. Approved laboratory responsible for carrying out the test:

   SP Technical Research Institute of Sweden
   Box 857
   S-501 15 BORÅS
   SWEDEN

2. Remarks: -

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