ECE TYPE-APPROVAL CERTIFICATE

Communication concerning the approval granted of an electrical/electronical sub-assembly with regard to Regulation No.10.

Approval No: **E24 10R-020409**

Reason for extension:

Extension No: *N/A.*

1. Make (trade name of manufacturer):

   **Sauer-Danfoss.**

2. Type and general commercial description:

   **IX 024 010 00000**

   **Input module.**

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

4. Location of that marking:

   **10100998**

   **On the bottom of housing of the unit.**

5. Category of vehicle:

   **See Appendix.**

6. Name and address of manufacturer:

   **Sauer-Danfoss,**

   **3500 Annapolis Lane North,**

   **Plymouth, MN 55447,**

   **USA.**

   **On the bottom of housing of the unit. Incorporated into a label.**

   **Sauer-Danfoss,**

   **3500 Annapolis Lane North,**

   **Plymouth, MN 55447,**

   **USA.**

7. Address(es) of assembly plant(s):
8. Additional information (where applicable): 

9. Technical service responsible for carrying out the tests: See appendix.

TÜV SÜD AUTOMOTIVE GMBH, Ridlerstraße 57, D-80339 München, Germany.

28.05.2008.

08-00063-ES-MUC-00

See Appendix. Dublin.

29th May 2008.

15. Signature: [Signature]

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

16.1 Documentation: 30 Pages.
Appendix
to type-approval communication concerning the type approval
of an electrical/electronical sub-assembly under Regulation No.10.

1. Additional information

1.1. Electrical system rated voltage: 12/24 volts nominal.

1.2. This ESA can be used on any vehicle type with the
following restrictions:

1.2.1 Installation conditions, if any:

1.3. This ESA can only be used on the following vehicle types:

1.3.1 Installation conditions, if any:

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

1.5. Approved/accredited laboratory responsible for carrying
out the tests:

2. Remarks:

N/A.

Appendix to type-approval communication concerning the
type approval of a vehicle under Regulation No.10.

1. Additional information

2. Special devices for the purpose of Annex 4 to this Regulation: N/A.

3. Electrical system rated voltage: N/A.

4. Type of bodywork: N/A.

5. List of electronic systems installed in the tested vehicle(s)
not limited to the items in the information document: N/A.

6. Approved/accredited laboratory (for the purpose of this Regulation)
responsible for carrying out the tests: N/A.

7. Remarks: N/A.