



National Standards Authority of Ireland

ECE TYPE-APPROVAL CERTIFICATE

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



Approval No: *E24 10R-020303*

Extension No: *N/A.*

Reason for extension:

N/A.

1. Make (trade name of manufacturer): *SAUER DANFOSS.*
2. Type and general commercial description: *OX024-010.
Output module.*
3. Means of identification of type, if marked on the component: *See 2. above.*
- 3.1 Location of that marking: *On the bottom of housing of the unit.*
4. Category of vehicle: *See Appendix.*
5. Name and address of manufacturer: *Sauer-Danfoss,
Mobile Electronics,
3500 Annapolis Lane North,
55447 USA.*
6. In the case of components and separate technical units,
location and method of affixing of the ECE approval mark: *On the bottom of housing of the unit. Incorporated into a label.*
7. Address(es) of assembly plant(s): *Sauer-Danfoss,
Mobile Electronics,
3500 Annapolis Lane North,
55447 USA.*

8. Additional information (where applicable): *See appendix.*
9. Technical service responsible for carrying out the tests: *TÜV SÜD AUTOMOTIVE GMBH,
Ridlerstraße 65,
D-80339 München,
Germany.*
10. Date of test report: *20.12.2006*
11. Number of test report: *377-0213-06-TAES.*
12. Remarks (if any): *See Appendix .*
13. Place: *Dublin.*
14. Date: *4th January, 2007.*
15. Signature: 
16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.
- 16.1 Documentation: *40 sheets.*



Appendix

to type-approval communication concerning the type approval
of an electrical/electronic sub-assembly under Regulation No.10.

- | | | |
|-------|---|--|
| 1. | Additional information | |
| 1.1. | Electrical system rated voltage: | <i>12/24 volts nominal.</i> |
| 1.2. | This ESA can be used on any vehicle type with the following restrictions: | <i>All vehicles with a 12V/24V nominal electrical system and battery negative on the body.</i> |
| 1.2.1 | Installation conditions, if any: | <i>See manufacturer's specifications.</i> |
| 1.3. | This ESA can only be used on the following vehicle types: | <i>N/A.</i> |
| 1.3.1 | Installation conditions, if any: | <i>N/A.</i> |
| 1.4. | The specific test method(s) used and the frequency ranges covered to determine immunity were: | <i>N/A.</i> |
| 1.5. | Approved/accredited laboratory responsible for carrying out the tests: | <i>TÜV SÜD AUTOMOTIVE GMBH.</i> |
| 2. | Remarks: | <i>N/A.</i> |

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: | <i>N/A.</i> |
| 3. | Electrical system rated voltage: | <i>N/A.</i> |
| 4. | Type of bodywork: | <i>N/A.</i> |
| 5. | List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: | <i>N/A.</i> |
| 6. | Approved/accredited laboratory (for the purpose of this Regulation) responsible for carrying out the tests: | <i>N/A.</i> |
| 7. | Remarks: | <i>N/A.</i> |

The logo for SAUER DANFOSS, featuring a stylized 'S' symbol to the left of the brand name 'SAUER DANFOSS' in a bold, sans-serif font.

10R-XXXXXX



E24 10R-020303

10100999-10104768

OX 024 010 00000

000006501234

10103555v100.lhx

Made In US

0650

Opening this Device Voids Warranty