

THE NETHERLANDS
(N E D E R L A N D)

COMMUNICATION

Concerning ⁽¹⁾:


- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of ~~electrical~~/electronic sub-assembly ⁽¹⁾ with regard to Regulation number 10.**Approval number: E4*10R05/01*4030*00**

1. Make (trade name of manufacturer) : Mastervolt
2. Type and general commercial description(s) : Mass Sine Ultra 24/4000
3. Means of identification of type, if marked on the ~~vehicle/component~~/separate technical unit ⁽¹⁾ : By means of a sticker identification label
 - 3.1. Location of that marking : On the right side
4. Category of vehicle : All
5. Name and address of manufacturer : Mastervolt B.V.
Snijdersbergweg 93
1105 AN Amsterdam Z.O.
The Netherlands
6. In the case of components and separate technical units, location and method of affixing of the approval mark : Sticker (identification label) on the right side
7. Address(es) of assembly plant(s) :
-- Confidential information --



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8. Additional information (where applicable) : see Appendix below
9. Technical service responsible for carrying out the tests : DARE!! Measurements
Vijzelmolenlaan 7
3447 GX Woerden
The Netherlands
10. Date of test report : 2018 February, 7
11. Number of test report : 17C01309RPT01
18C00036RPT01
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 05-MAR-2018
15. Signature : 
L. Vellekoop
16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension : --

⁽¹⁾ Strike out what does not apply.

APPENDIX

to type-approval communication form number: E4*10R05/01*4030*00

concerning the type-approval of an ~~electrical~~/electronic sub-assembly⁽¹⁾ under Regulation number 10.

1. Additional information : Because the EUT has no immunity related functions, Radiated immunity and Bulk current injection tests are not applicable and therefore not performed.
- The Voltage transient emissions measurements and the Electrical Disturbance test on Voltage supply lines are not performed because the EUT is a derivative type of the Mass Combi Ultra (24/3500), which is tested worst case and reported under DARE!! Measurements reference number 18C00036RPT01. See appendixes E and F of reports 17C01309RPT01 and 18C00036RPT01.
- 1.1. Electrical system rated voltage : 24 V ~~pos./neg.~~ ground⁽¹⁾
- 1.2. This ESA can be used on any vehicle type with the following restrictions : Installation of, and work on the Mass Sine Ultra 24/4000, may be carried out only by a qualified, authorised and trained technician or electrician, consistent with the locally applicable standards and regulations.
- 1.2.1. Installation conditions, if any : Installation of, and work on the Mass Sine Ultra 24/4000, may be carried out only by a qualified, authorised and trained technician or electrician, consistent with the locally applicable standards and regulations.
- 1.3. This ESA can be used only on the following vehicle types : All
- 1.3.1. Installation conditions, if any : See 1.2.1.
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : Electrical disturbance test on voltage supply lines (18C00036RPT01)
- 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests : DARE!! Measurements
2. Remarks : --

⁽¹⁾ Strike out what does not apply.

