



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/ ~~APPROVAL EXTENDED ⁽⁴⁾/~~
~~APPROVAL REFUSED ⁽⁴⁾/ APPROVAL WITHDRAWN ⁽⁴⁾/ PRODUCTION DEFINITELY~~
~~DISCONTINUED ⁽⁴⁾~~ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY ⁽¹⁾ WITH
REGARD TO REGULATION NO. 10.04



Approval No: 10R-048445

Extension No: Not applicable

1. Make (trade name of manufacturer): Brigade Electronics Plc.
2. Type and general commercial description(s): Tonal Reversing Alarm
3. Means of identification of type, if marked on the ~~vehicle~~/component/~~separate technical unit~~ ⁽¹⁾:
DF-116TCA-2, DF-116TCA-2-BP
- 3.1. Location of that marking: Adhesive label applied to the top of the product housing
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:
Brigade Electronics Plc
Brigade House, The Mills Trading Estate
Station Road, South Darenth
Kent, DA4 9BD
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: On the adhesive label applied to the top of the housing as stated in section 3.1.

7. Address(es) of assembly plant(s):
Yamaguchi Electric Ind Co Ltd
4-1 Aza Nagabuchi, Osarizawa, Kazuno-shi,
Akita Pref. 018-5202
Japan
Dongguan Yamaguchi Industrial Co., Ltd
Fuda Ind District, Zhanshen, Zhangmutou
Dongguan City, Guangdong Provice
China

8. Additional information (where applicable): See Appendix

9. Technical Service responsible for carrying out the tests: SGS UK Limited

10. Date of test report: 11 April 2014

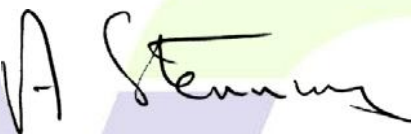
11. No. of test report: AUT188753/GH/14

12. Any remarks: See Appendix

13. Place: BRISTOL

14. Date: 03 MAY 2014

15. Signature:



A. W. STENNING
Head of Technical and Quality Support Group

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

17. Reasons for extension: Not applicable

(1) Strike out what does not apply.

Appendix

to type-approval communication form No. 10R-048445

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.04

1. Additional information:
 - 1.1. Electrical system rated voltage: 12/24V. ~~pos~~/neg ground ⁽¹⁾
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12/24 Volt DC Vehicles, Product must always use a negative ground.
 - 1.2.1. Installation conditions, if any: See instructions with the product/s.
 - 1.3. This ESA can be used only on the following vehicle types: Not applicable
 - 1.3.1. Installation conditions, if any: Not applicable
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): Not applicable
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS UK Limited (Durham)
 2. Remarks: None
- (1) Strike out what does not apply.