Vehicle Certification Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL GRANTED (1) ~~/ APPROVAL EXTENDED (1) / APPROVAL REFUSED (1) / APPROVAL WITHDRAWN (1) / PRODUCTION DEFINITIVELY DISCONTINUED (1)~~ OF A TYPE OF ELECTRICAL / ELECTRONIC SUB-ASSEMBLY (1) WITH REGARD TO REGULATION NO. 10.06

E11 Approval No: E11*10R06/02*13114*00

1. Make (trade name of manufacturer): Brigade Electronics Group Plc

2. Type and general commercial description(s): Vehicle Reversing Alarms.

3. Means of identification of type, if marked on the ~~vehicle~~ / component / ~~separate technical unit~~ (1):

BBS-92ADR, BBS-92ADRXXXXXXX (Where "X" can represent any character for any associated variant. Bespoke models can have reduced electronic component population and cabling, software changes, customized settings or differing equipment connections. Brigade confirms that the sample submitted for test is the worst-case. The EMC performance of any associated variant will be equivalent or superior to this worst-case sample.)

3.1. Location of that marking: On Product housing.

4. Category of vehicle: Not applicable.

5. Name and address of manufacturer:

Brigade Electronics Group PLC
Brigade House
The Mills
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 approval mark: Adhesive label applied to the product housing.

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7. Address(es) of assembly plant(s):

Room 101 Building 2
No 1 Jinchuan Third Road
Zhaolin
Xiegang Town
Dongguan City
Guangdong Province
523596
People's Republic of China

8. Additional information (where applicable): See appendix below

9. Technical Service responsible for carrying out the tests: TÜV SÜD Ltd.

10. Date of test report: 23 April 2025.

11. No. of test report: Document 75963761-01 Issue 01.

12. Remarks (if any): See appendix below

13. Place: BRISTOL

14. Date: 25 APRIL 2025

15. Signature:

C McCABE
Chief Technical and Statutory Operations Officer

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

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Appendix

to type-approval communication form No. E11*10R06/02*13114*00
concerning the type-approval of an electrical / electronic sub-assembly under Regulation No. 10.06

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: Not applicable.

1.2.1. Installation conditions, if any: see manufacturers' installation instructions.

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

1.3.1. Installation conditions, if any: see manufacturers' installation instructions.

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):

Electromagnetic Radiation, Bulk Current Injection (BCI) – 20 to 2000 MHz.
Electromagnetic Radiation, Absorber Lined Chamber Test – 200 to 2000 MHz.
(Please also see test report).

1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: TÜV SÜD Ltd, Snitterfield Road, Bearley, Warwickshire, CV37 0EX, United Kingdom.

2. Remarks: None.

(1) Strike out what does not apply.

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