



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL EXTENDED OF A TYPE OF ELECTRONIC SUB-ASSEMBLY WITH REGARD TO REGULATION NO. 10.05



Approval No: E11*10R05/01*11551*01

1. Make (trade name of manufacturer): Brigade Electronics Group PLC
2. Type and general commercial description(s): Ultrasonic Detection System
3. Means of identification of type, if marked on the component:

SSP-6000W, SSP-XXXXXW-XX(XXX)
SSP-6000-KT, SSP-XXXXX-KT(XXX)
SSP-1000-AI-ECU, SSP-XXXX-AI-ECU(XXX)
SSP-1000-ECU, SSP-XXXX-ECU(XXX)
SSP-000HSS-B, SSP-XXXHSS-B(XXX)
SSP-000HSS-W, SSP-XXXHSS-W(XXX)
SSP-1000-DPW, SSP-1000-DPW-D, SSP-XXXX-DPW-X(XXX)
SSP-1000-DPP, SSP-1000-DPP-D, SSP-XXXX-DPP-X(XXX)
SSP-1000SCT, SSP-1000SCT-01, SSP-XXXXSCT-XX(XXX)
SSP-HSSW-KT, SSP-XXXHSSW-KT(XXX)
SSP-HSSB-KT, SSP-XXXHSSB-KT(XXX)

Where the "X" and "(XXX)" can represent any character (0-9, A-Z or can be omitted) for any associated variant, bespoke system which can have software changes or customized settings or reduced component population.

- 3.1. Location of that marking: Adhesive label applied to the bottom face of the ECU housing
4. Category of vehicle: Not applicable

5. Name and address of manufacturer:
- Brigade Electronics Group 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 approval mark: Adhesive label applied to the bottom face of the ECU housing
7. Address(es) of assembly plant(s):
- 195, Si-Ming-Yuan, Tong-An-Industrial Park
Tong-An District
Xiamen
Peoples Republic of China
8. Additional information (where applicable): See Appendix
9. Technical Service responsible for carrying out the tests: SGS UK Ltd
10. Date of test report: As before and 07 May 2021
11. No. of test report: As before and AUT286207/1/R/21
12. Remarks (if any): None
13. Place: BRISTOL
14. Date: 01 NOVEMBER 2021

15. Signature:

A handwritten signature in black ink that reads "C McCabe". The signature is written in a cursive style and is underlined with a single horizontal line.

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:

- 1) Incorrect model numbers and variants
- 2) Assembly plant name was visible in the approval document, Brigade asked for this to be removed.
- 3) Incorrect contact name and number in report

Appendix

to type-approval communication form No. E11*10R05/01*11551*01
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:
 - 1.1. Electrical system rated voltage: 12/24V pos/neg ground
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12 / 24 Volt DC vehicles
 - 1.2.1. Installation conditions, if any: 12 / 24 Volt DC vehicles
 - 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):

20 to 200MHz (BCI at 60 m-Amps), 200 to 2000MHz (Free field at 30 V/m).
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS (UK) Limited, Durham, United Kingdom.
2. Remarks: None