



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED⁽⁴⁾/APPROVAL EXTENDED⁽¹⁾/
APPROVAL REFUSED⁽⁴⁾/APPROVAL WITHDRAWN⁽⁴⁾/PRODUCTION DEFINITELY
DISCONTINUED⁽⁴⁾ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY⁽¹⁾ WITH
REGARD TO REGULATION NO. 10.05




Approval No: 10R-059758

Extension No: 01



1. Make (trade name of manufacturer):
2. Type and general commercial description(s): MDR-504GW-500
3. Means of identification of type, if marked on the ~~vehicle~~/component/ ~~separate technical unit~~:⁽¹⁾
 - 3.1. Location of that marking: Labelling on the housing
4. Category of vehicle: All categories of vehicle
5. Name and address of manufacturer:

Brigade Electronics Group PLC
Brigade House
The Mills Station Road
South Darenth
DA4 9BD
United Kingdom.
6. In the case of components and separate technical units, location and method of affixing of the approval mark: Labelling on the housing

7. Address(es) of assembly plant(s):
5th-6th Floor West
Chuangxiang 2nd Building
Yanxiang Technology Park
11# High-tech West Road
Guangming District, Shenzhen
Guangdong Province
People's Republic of China
8. Additional information (where applicable): See Appendix below
9. Technical Service responsible for carrying out the tests: Vehicle Certification Agency
10. Date of test report: As before and 23 March 2018
11. No. of test report: As before and CST422347
12. Any remarks: Approval to Supplement 02
See Appendix below
13. Place: BRISTOL
14. Date: 07 APRIL 2018
15. Signature:  D LAWLOR
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: To cover addition of Circuit Diagram
- (1) Strike out what does not apply.

Appendix

to type-approval communication form No. 10R-059758

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:

1.1. Electrical system rated voltage: 12-24 V. ~~pos~~/neg ground ⁽¹⁾

1.2. This ESA can be used on any vehicle type with the following restrictions:

1.2.1. Installation conditions, if any: Not applicable

1.3. This ESA can be used only on the following vehicle types:

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):
200MHz to 2GHz: absorber chamber test according ISO 11452-2, second edition 2004;
20MHz to 200 MHz Bulk current injection testing according ISO 11452-4, third edition 2005 and Corrigendum 1:2009

1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: Shanghai Inspection and Testing Institute of Instruments and Automatic Systems

2. Remarks: None

(1) Strike out what does not apply.