



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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~~APPROVAL REFUSED ⁽⁴⁾~~/~~APPROVAL WITHDRAWN ⁽⁴⁾~~/~~PRODUCTION DEFINITELY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



Approval No: E11*10R05/01*10351*00

1. Make (trade name of manufacturer): Redtronic Limited
2. Type and general commercial description(s): A multi-output audible warning siren for use on emergency vehicles as an audible warning aid.
3. Means of identification of type, if marked on the ~~vehicle/component/~~ ~~separate technical unit~~: ⁽¹⁾
The label will be marked on the rear of the siren casing.
 - 3.1. Location of that marking: See item 3.
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:.
Redtronic Limited
Unit 1 – 9
Wellington Business Park
Quebec Steet
Elland
West Yorkshire
HX5 9BX
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the approval mark: See item 3.
7. Address(es) of assembly plant(s): See item 5

EAU427235



ECE Reg 10.05 information regarding
approval for E-marking of Component/STU.

General Details:

Section 1 Make. (trade name of manufacturer)
Redtronic Limited

Section 2 Type: General Commercial Description.
A multi-output audible warning siren for use on Emergency Vehicles as an audible warning aid

Section 3 Means of identification of type, if marked on the Component/STU.
The label will be marked on the rear of the siren casing. S20IS, TR12X (Siren), TR24X (Siren), TR36X (Siren), SBX (Siren)

Section 3.1 State where the identification / model number is situated on the product, and how it is marked.
On the label in section 3

Section 4 Name and address of Manufacturer
Redtronic Limited, Unit 1-9, Wellington Business Park, Quebec Street, Elland, West Yorkshire, HX5 9BX, United Kingdom.

Section 4.1 Name and address of Manufacturer's representative inside the European Union.

Section 5 State how and where the type approval E mark will be affixed
On the label in section 3

Section 6 Address(es) of assembly plant(s)
Redtronic Limited, Unit 1-9, Wellington Business Park, Quebec Street, Elland, West Yorkshire, HX5 9BX, United Kingdom.

Section 7 This product shall be approved as a component/STU (delete as applicable)
Component

Section 8 Restrictions of use and conditions for fitting.
This product can be fitted to any 12/24 volt negative earth vehicle with consideration to normal Safety issues.

Section 9 Electrical system rated voltage Positive/negative Ground.
This product can be fitted to any 12/24 volt negative earth vehicle



Only applicable for charging systems: (REESS)

Section 10 Charger: on board/external?
N/A

Section 11 Charging current: direct current/alternating current (number of phases/frequency?)
N/A

Section 12 Maximal nominal current (in each mode if necessary)
N/A

Section 13 Nominal charging voltage
N/A

Section 14 Basic ESA interface functions: ex. L1/L2/L3/N/PE/control pilot
N/A

Section 15 Minimum R_{acc} value (see paragraph 7.11. of this Regulation)
N/A





Vehicle
Certification
Agency

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APPROVAL NUMBER: E11*10R05/01*10351*00

INFORMATION PACKAGE CONTENTS

INDEX REVISION NUMBER: Not applicable

Conformity of Production (COP) Declaration COP Confirmed

Assessment Method ISO/TS Cert and Control Plans

Date of Initial Clearance Pre 2013

Date of Last Clearance August 2017

Total number of sheets: 08 (Eight)

Reasons for Revision: Not applicable

Revision Date
&
Office Stamp

EAU427235

An executive agency of the Department for Transport
November 2017 Revision 0
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Appendix

to type-approval communication form No. E11*10R05/01*10351*00

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⁾
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12/24VDC
 - 1.2.1. Installation conditions, if any: See manufacturers documentation
 - 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 United Kingdom Limited
 2. Remarks: None
- (1) Strike out what does not apply.

8. Additional information (where applicable): See Appendix
 9. Technical Service responsible for carrying out the tests: SGS United Kingdom Ltd
 10. Date of test report: 06 June 2018
 11. No. of test report: AUT254306/R/18
 12. Remarks (if any): See Appendix
 13. Place: BRISTOL
 14. Date: 06 JULY 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: Not applicable
- (1) Strike out what does not apply.