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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE TYPE APPROVAL OF THE COUNCIL DIRECTIVE OF 20 JUNE 1972 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO A TYPE OF COMPONENT WITH REGARD TO RADIO INTERFERENCE SUPPRESSION (72/245/EEC) AS LAST AMENDED

Type Approval No: e11*72/245*2006/28*4887*00

EC type-approval mark to be affixed on ESA: Not applicable

Reason for Extension: Not applicable

SECTION I

0.1 Make (trade name of manufacturer): ECCO, Vision Alert, Hazard, Preco, Delta Design,

0.2 Type: Night Silent Back-up Alarms are 12 to 24 VDC system voltage with a sound pressure level of 90± 4dB(A) or 97± 4dB(A) during the daytime operation, and silent during night operation. Night Reduction Back-up Alarms are 12 to 24 VDC system voltage with sound pressure level of 90± 4 dB(A) or 97± 4 dB(A) and sound pressure level of 78± 4 dB(A) or 87± 4 dB(A) during night operation. Double Engage Reverse Cut-off (DERCO) series, Back-up Alarms are 12 to 24 VDC system voltage with a sound pressure level of 90± 4dB(A) or 97± 4 dB(A) during operation, and silent when vehicle is in reverse and cut-off is selected by the vehicle operator.

0.3 Means of identification of type, if marked on the component: Model numbers: 515-XXX; 520-XXX (ECCO Model Series), LBRXXX (Lucas Model Series), 59XX (Rinder Model Series). Name: Night Silent series, Night Reduction series, and Double Engage Reverse Cut-off (DERCO) series, Back-up Alarms.

0.3.1 Location of that marking: Label on top, side or back of units.

0.5 Name and address of manufacturer:
Electronic Controls Company (ECCO)
833 West Diamond Street
Boise
ID 83705
United States of America

08-Dec-08
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UK Approval Authority

Name and address of authorised representative, if any:
Vision Alert Automotive Limited
No.5 Victoria Industrial Park
Victoria Road
Seacroft
Leeds
LS14 2LA
United Kingdom

0.7 In the case of components and separate technical units, location and method of affixing of the EC type-approval mark: See item 0.3.1

0.8 Address(es) of assembly plant(s): See item 0.5

SECTION II

1. Additional information (where applicable): Not applicable

2. Technical service responsible for carrying out the tests: SGS IEA United Kingdom Limited

3. Date of test report: 3 December 2008

4. Number of test report: AUT122487/GH/08

5. Remarks (if any): See Appendix.

6. Place: BRISTOL

7. Date: 08 DECEMBER 2008

8. Signature: 

A. W. STENNING
Head of Technical and Quality Group

9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

APPENDIX

to EC Type Approval Certificate No: e11*72/245*2006/28*4887*00

concerning the type approval of an electric/electronic sub-assembly with regard to Directive 72/245/EEC as last amended

1. Additional information

1.1 Electrical system rated voltage: 12-24 VDC

1.2 This ESA can be used on any vehicle type with the following restrictions: 12-24 VDC

1.2.1 Installation conditions, if any: See instructions supplied with product.

1.3 This ESA can only be used 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 1X): 20 MHz to 2 GHz at 30 V/m

1.5 Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the test: SGS IEA United Kingdom Limited, Durham, United Kingdom.

5. Remarks: None

(1) *Delete as applicable*

(2) *If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document/type-approval certificate, such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).*

VCA 08-Dec-08 3 UK Approval Authority