



Vehicle
Certification
Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

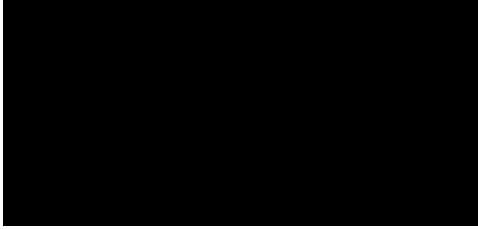
COMMUNICATION CONCERNING APPROVAL GRANTED OF A TYPE OF ELECTRICAL /
ELECTRONIC SUB-ASSEMBLY(1) WITH REGARD TO REGULATION NO. 10.06



Approval No: E11*10R06/02*13006*00

1. Make (trade name of manufacturer):
[REDACTED]
2. Type and general commercial description(s): Programmable Multipurpose Emergency Controller Equipment
3. Means of identification of type, if marked on the component (1): Self-adhesive Label
- 3.1. Location of that marking: Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.
4. Category of vehicle: N/A
5. Name and address of manufacturer:
[REDACTED]
6. In the case of components and separate technical units, location and method of affixing of the approval mark: Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

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



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

9. Technical Service responsible for carrying out the tests: 3C Test Ltd

10. Date of test report: 25 – 27 March 2024

11. No. of test report: TR-2401193IAC

12. Remarks (if any): See appendix below

13. Place: BRISTOL

14. Date: 17 OCTOBER 2024

15. Signature:

A handwritten signature in black ink, appearing to read 'C McCabe', with a horizontal line underneath.

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:

Appendix
to type-approval communication form No.E11*10R06/02*13006*00
concerning the type-approval of an electrical / electronic sub-assembly under Regulation No. 10.06

1. 1.1. Additional information:

1.2. 1. Electrical system rated voltage: ... 12 VDC / 24 VDC

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

1.3. Installation conditions, if any: See manufacturers documentation

1.3.1. This ESA can be used only on the following vehicle types: See manufacturers documentation

1.4. Installation conditions, if any: See manufacturers documentation

The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9):

1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: 3C Test Ltd

2. Remarks:

(1) Strike out what does not apply.



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APPROVAL NUMBER: E11*10R06/02*13006*00

INFORMATION PACKAGE CONTENTS

INDEXREVISION NUMBER: Not applicable

Conformity of Production (COP)Declaration COP Confirmed

Assessment Method COP Audit

Date of Initial Clearance Pre 2013

Date of Last Clearance August 2023

Total number of sheets: 16 (Sixteen)

Reasons for Revision: Not applicable

Revision Date
&
Office Stamp

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-NX-64

0.1 Make (trade name of manufacturer):



0.2 Type, general commercial descriptions(s) and variants:
Programmable Multipurpose Emergency Controller Equipment

Model number and name of product:

0.3 2023004-64-S#-G*-A& (MCS-NX-64)
2021025-32-S#-G*-A& (MCS-NX-32)
2021024-16-S#-G*-A& (MCS-NX-16)
2021023-8-S#-G*-A& (MCS-NX-8)

2023044 (MCS-INT)

Where # can be 0,1 or 2 – 0 = no siren 1 = 100W siren 2 = 200W siren

Where * can be 0 or 1 – 0 = no GPS 1 = Has GPS

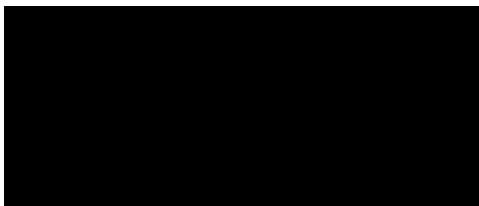
Where & can be 0 or 1 – 0 =no intercom card 1 = intercom card present

0.4 Means of identification of type, if marked on the component:
Self-adhesive Label

0.5 Location of that marking:
Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

0.6 Category of vehicle:
N/A

0.7 Name and address of manufacturer:



0.8 Name and address of authorised representative, if any:

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

0.9 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component. Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

0.10 Name(s) and Address(es) of assembly plant(s):



- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:
12 VDC / 24 VDC
- Software/firmware version:
MHE2_MCS-NX_APP-S100_0V225_5APR2024_141949
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-NXE

0.1 Make (trade name of manufacturer):

1

1.1

Type, general commercial descriptions(s) and variants:
Programmable Multipurpose Emergency Controller
Equipment

1.2

Model number and name of product:

2023017-12-A# (MCS-NXE-12) 2023017-20-A# (MCS-NXE-20) 2023017-28-A# (MCS-NXE-28)

Where # can be 0 or 1 –0 =no intercom card 1 = intercom card present

1.3 Means of identification of type, if marked on the component:

Self-adhesive Label

1.4 Location of that marking:

Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

Category of vehicle:

1.

N/A

Name and address of manufacturer:

5

1.

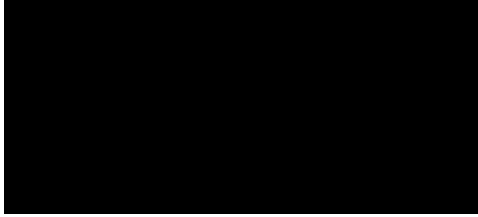
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1.7 Name and address of authorised representative, if any:

1.8 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component.
Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

1.9 Name(s) and Address(es) of assembly plant(s):



- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:
12 VDC / 24 VDC
- Software/firmware version:
MHE2_MCS-NXE_APP_OV211_28FEB2024_123440
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-MINI MATRIX

0.1 Make (trade name of manufacturer):

[REDACTED]

0.2 Type, general commercial descriptions(s) and variants:

Miniature version of the current Matrix display for scrolling messages and signs with 9 characters

Model number and name of product:

0.3

MCS-MINI_MATRIX

Means of identification of type, if marked on the component:

0.4

Self-adhesive Label

Location of that marking:

0.5 Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

Category of vehicle:

N/A

0.

Name and address of manufacturer:

6

[REDACTED]

0.

7

0.8 Name and address of authorised representative, if any:

0.9 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component.
Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

0.10 Name(s) and Address(es) of assembly plant(s):

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:
12 VDC / 24 VDC
- Software/firmware version:
MHE2_MCS-MATRIX-FIX_2V6_3AUG2023_102242.eHex
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-PTS70

0.1 Make (trade name of manufacturer):

[REDACTED]

0.2 Type, general commercial descriptions(s) and variants:
Programmable Multipurpose Emergency Controller Equipment
Model number and name of product:

0.3 MCS-PTS70

0.4 Means of identification of type, if marked on the component:

Self-adhesive Label

Location of that marking:

0.5 Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

Category of vehicle:

N/A

0. Name and address of manufacturer:

6

0.

7

[REDACTED]

0.8 Name and address of authorised representative, if any:

0.9 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component.
Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

0.10 Name(s) and Address(es) of assembly plant(s):

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:
12 VDC / 24 VDC
- Software/firmware version:
MHE2_MCS-PTS70_3V1_13OCT2023_131858.eHex
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-PTS24

0.1 Make (trade name of manufacturer):

[REDACTED]

0.2 Type, general commercial descriptions(s) and variants:
Programmable Multipurpose Emergency Controller Equipment
Model number and name of product:

0.3 MCS-PTS24

Means of identification of type, if marked on the component:

0.4 Self-adhesive Label

Location of that marking:

0.5 Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

Category of vehicle:

N/A

0. Name and address of manufacturer:

6

0.

7

[REDACTED]

0.8 Name and address of authorised representative, if any:

0.9 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component.
Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

0.10 Name(s) and Address(es) of assembly plant(s):

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:
12 VDC / 24 VDC
- Software/firmware version:
MHE2_MCS-PTS24_APP_3V1_23OCT2023_154804.eHex
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-F10

0.1 Make (trade name of manufacturer):

[REDACTED]

0.2 Type, general commercial descriptions(s) and variants:

10 button CAN handset for use with the MCS and MCS-NX

0.3 Model number and name of product:

MCS-F10

0.4 Means of identification of type, if marked on the component:

Self-adhesive Label

Location of that marking:

0.5 Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

Category of vehicle:

N/A

0. Name and address of manufacturer:

6

0.

7

[REDACTED]

0.8 Name and address of authorised representative, if any:

0.9 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component.

Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

0.10 Name(s) and Address(es) of assembly plant(s):

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

South Africa

3608

- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:

12 VDC / 24 VDC
- Software/firmware version:
MCS-F10-APP_1V0
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-DIFFMIC PRE

0.1 Make (trade name of manufacturer):

[REDACTED]

0.2 Type, general commercial descriptions(s) and variants:

Handheld Pre-amplified Microphone for use with MCS and MCS-NX

0.3 Model number and name of product:

MCS-DIFFMIC_PRE

Means of identification of type, if marked on the component:

0.4 Self-adhesive Label

Location of that marking:

0.5 Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

Category of vehicle:

N/A

0. Name and address of manufacturer:

6

0.

7

[REDACTED]

0.8 Name and address of authorised representative, if any:

0.9 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component.
Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

0.10 Name(s) and Address(es) of assembly plant(s):

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:
12 VDC / 24 VDC
- Software/firmware version:
N/A
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

MCS-GDU

0.1 Make (trade name of manufacturer):

[REDACTED]

0.2 Type, general commercial descriptions(s) and variants:

Touchscreen controller with 4 tactile buttons for use with the MCS and MCS-NX

0.3 Model number and name of product:

MCS-GDU

0.4 Means of identification of type, if marked on the component:

Self-adhesive Label

Location of that marking:

0.5 Self-adhesive label on the Front, Top, Bottom, Sides or Rear of unit depending on the unit.

Category of vehicle:

N/A

0. Name and address of manufacturer:

6

0.

7

[REDACTED]

0.8 Name and address of authorised representative, if any:

0.9 In case of components and separate technical units, location and method of affixing of the EEC type-approval mark: i.e. Self-adhesive label on surface of component.
Self-adhesive Label on the Front, Top, Bottom, Sides or Rear of unit or under the rubber mould.

0.10 Name(s) and Address(es) of assembly plant(s):

PLEASE INSERT THE DIRECTIVE/REGULATION WHICH YOU ARE APPLYING FOR.

- This ESA shall be approved as a component/ STU (DELETE AS APPLICABLE)
- Any restrictions of use and conditions for fitting: See manufacturer's documentation
- Electrical system rated voltage:
12 VDC / 24 VDC
- Software/firmware version:
MHE2_MCS-GDU_3V15_14FEB2024_095422_WYP.eHex
- Reason(s) for extension if required.

Appendix 1

Description of the ESA chosen to represent the type: See manufacturer's documentation

Appendix 2

Relevant test report(s) supplied by the manufacturer or approved/recognized laboratories for the purpose of drawing up the type-approval certificate: See manufacturer's documentation

