

ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: ~~Approval granted~~
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: **E24*10R05/01*2033*01**

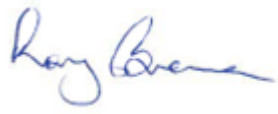
Reason for extension:

Updating: - *Company name of the manufacturer /
assembly plant*
- *Status of Regulation (Update to 05
series of amendments)*
- *Means of identification of type*
- *Make (Trade name of manufacturer)*

1. Make (trade name of manufacturer): **Climart**
2. Type and general commercial description: **ART12 KC
ART10, ART8/PLUS, ART8ECO**

Variant(s): **ART10, ART8/PLUS, ART8ECO**
3. Means of identification of type, if marked on the component: **Variant designation**
- 3.1 Location of that marking: **On the relay board**
4. Category of vehicle: **See Appendix**
5. Name and address of manufacturer: **Climart Klima ve Soğutma Sistemleri San.
ve Tic. A.Ş. A.O.S.B. 10001 SOKAK NO:11
TR-35620 ÇİĞLİ, İZMİR, TURKEY**
6. In the case of components and separate technical units,
location and method of affixing of the ECE approval mark: **On the relay board.**
7. Address(es) of assembly plant(s): **Climart Klima ve Soğutma Sistemleri San.
ve Tic. A.Ş. A.O.S.B. 10001 SOKAK NO:11
TR-35620 ÇİĞLİ, İZMİR, TURKEY**

Approval No: **E24*10R05/01*2033*01**

8. Additional information (where applicable): *See appendix*
9. Technical service responsible for carrying out the tests: **SGS-TÜV Saar GmbH
Am TÜV 1
D-66280 Sulzbach**
10. Date of test report: **As before and 15.05.2019**
11. Number of test report: **TR-00893 up to -02**
12. Remarks (if any): *See Appendix*
13. Place: **Dublin**
14. Date: **17th June, 2019**
15. Signature: 
16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.



Approval No: **E24*10R05/01*2033*01**

Appendix

To type-approval communication concerning the type approval of an electrical/electronic sub-assembly under Regulation No.10.

- | | | |
|-------|---|---|
| 1. | Additional information | |
| 1.1. | Electrical system rated voltage: | 12V, negative ground |
| 1.2. | This ESA can be used on any vehicle type with the following restrictions: | See manufacturer's specifications. |
| 1.2.1 | Installation conditions, if any: | See manufacturer's specifications. |
| 1.3. | This ESA can only be used on the following vehicle types: | N/A |
| 1.3.1 | Installation conditions, if any: | N/A |
| 1.4. | The specific test method(s) used and the frequency ranges covered to determine immunity were: | N/A |
| 1.5. | Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: | N/A |
| 2. | Remarks: | N/A |

Appendix to type-approval communication concerning the type approval of a vehicle under Regulation No.10.

- | | | |
|-----|---|------------|
| 1. | Additional information | |
| 2. | Special devices for the purpose of Annex 4 to this Regulation: | N/A |
| 3. | Electrical system rated voltage: | N/A |
| 4. | Type of bodywork: | N/A |
| 5. | List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: | N/A |
| 5.1 | Vehicle equipped with 24 GHz short-range radar equipment (yes/no): | N/A |
| 6. | Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: | N/A |
| 7. | Remarks: | N/A |

Index to the Information Package

Date of issue:	<i>12th August, 2016.</i>
Date of latest amendment:	<i>17th June, 2019</i>
Reason for extension/revision: Updating:	<i>- Company name of the manufacturer / assembly plant - Status of Regulation (Update to 05 series of amendments) - Means of identification of type - Make (Trade name of manufacturer)</i>
1. Additional conditions, and advisory notes on legal alternatives.	
2. Test report(s)	
- numbers(s):	<i>TR-00893 up to -02</i>
- date of issue:	<i>03.06.2016</i>
- date of latest amendment:	<i>14.05.2019</i>
3. Information document	
- number(s):	<i>ART12 KC-00 up to -01</i>
- date of issue:	<i>19.01.2015</i>
- date of latest amendment:	<i>05.03.2019</i>
Documentation:	<i>9 pages</i>

Approval No: E24*10R05/01*2033*01

Appendix: Additional conditions, and advisory notes on legal alternatives

A: Additional conditions:

1. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
2. Each device from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
3. Changes in the type are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
4. At regular intervals, any tests or associated checks prescribed by the applicable legislation to verify continued conformity with the approved type shall be carried out. The manufacturer shall demonstrate compliance with this by submitting to NSAI evidence of adequate arrangements and documented control plans for each type approved.
5. Any set of samples or test pieces showing evidence of non-conformity shall give rise to further sampling and testing and all steps shall be taken to restore conformity of production.
6. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
7. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to NSAI.
8. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
9. When the manufacture or sale of the system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B: Legal Options:

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.

Technical Report / *Technischer Bericht*

Test standard / *Prüfgrundlage*:
ECE Regulation no. 10

Level of amendment / *Änderungsstand*:
Supplement 1 to 05 series of amendments

Title / *Titel*
Electromagnetic Compatibility

Manufacturer / *Hersteller*:
Climart Klima ve Soğutma Sistemleri San. ve Tic. A.Ş.

Type / *Typ*:
ART12 KC

Subject of testing / *Gegenstand der Prüfung*:
Component

0 General / Allgemeine Angaben:

- 0.1 Make Climart
(trade name of manufacturer) /
Fabrikmarke
(Firmenname des Herstellers):
- 0.2 Type / ART12 KC
Typ:
- 0.2.1 Variant(s) and Commercial descrip- ART10, ART8/PLUS, ART8ECO
tion(s) /
Variante(n) und Handelsname(n):
- 0.3 Means of identification of type, if Variant designation
marked on the vehicle / component /
technical unit /
Merkmale zur Typidentifizierung,
sofern am Fahrzeug / Bauteil / an
der selbständigen technischen
Einheit vorhanden:
- 0.3.1 Location of that markings / On the relay board
Anbringungsstelle dieser Merkmale:
- 0.4 Category of vehicle / n.a.
Fahrzeugklasse:
- 0.5 Manufacturer's name and address / Climart Klima ve Soğutma Sistemleri San. ve
Name und Anschrift des Herstellers: Tic. A.Ş.

A.O.S.B. 10001 SOKAK NO:11
TR-35620 ÇIĞLI, İZMİR, TURKEY
- 0.8 Address of assembly plant / Climart Klima ve Soğutma Sistemleri San. ve
Name(n) und Anschrift(en) der Tic. A.Ş.
Fertigungsstätte(n):

A.O.S.B. 10001 SOKAK NO:11
TR-35620 ÇIĞLI, İZMİR, TURKEY
- 0.9 Name and address of n.a.
representative /
Name und Anschrift des
Beauftragten:
- Location of the approval mark / On the relay board
Anbringungsstelle des
Genehmigungszeichens:

1 Test record / Prüfprotokoll:

See appendix /
Siehe Anhang

2 Attachments / Anlagen:

2.1 List of modifications /
Liste der Änderungen:

2.2 Information folder /
Beschreibungsmappe:

No. / Nr.: ART12 KC-01

Date of issue /
Ausgabedatum: 05.03.2019

3

Statement of conformity / Schlussbescheinigung:

The information folder as mentioned under no. 2.2 and the type described therein are in compliance with the test standard mentioned above. With regard to the required level of performance to be achieved, the test specimen were representative for the type to be approved. /

Die unter Nr. 2.2 angegebene Beschreibungsmappe und der darin beschriebene Typ entsprechen der oben aufgeführten Prüfgrundlage. Die verwendeten Prüfmuster waren im Hinblick auf das erforderliche Leistungsniveau für den zu genehmigenden Typ repräsentativ.

The tests were carried out in accordance to the relevant requirements of the
Die Durchführung der Prüfungen entsprach den relevanten Anforderungen der

☐ EN ISO/IEC 17025:2005 ☒ EN ISO/IEC 17020:2012

Test Laboratory / Prüflaboratorium**SGS-TÜV Saar GmbH**

notified by
benannt durch

Kraftfahrt-Bundesamt (KBA),
Federal Republic of Germany

National Standards
Authority of Ireland (NSAI)

Rijksdienst voor het Wegverkeer
(RDW),
The Netherlands

No. KBA - P 00084 – 10

No. 101

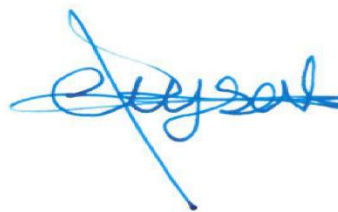
No. 99050064 00

Responsible expert /
Verantwortlicher Sachverständiger

Conformity check by /
Konformitätsprüfung durch



Stefan Rainer



Engin UYSAL

Munich / München, 14.05.2019

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Test record / Prüfprotokoll

- | | | | | | | | | |
|---|---|---|---|----------------------------|--|--------------------------------------|--|------|
| 1 | <u>Test conditions / Prüfbedingungen</u> | ☒ n.a. | | | | | | |
| 2 | <u>Test Results / Prüfergebnisse</u> | <table border="0"> <tr> <td style="border: 1px solid black; text-align: center; width: 30px;">X</td> <td>fulfilled / <i>erfüllt</i></td> </tr> <tr> <td style="border: 1px solid black; text-align: center; width: 30px;"></td> <td>not fulfilled / <i>nicht erfüllt</i></td> </tr> <tr> <td style="border: 1px solid black; text-align: center; width: 30px;"></td> <td>n.a.</td> </tr> </table> | X | fulfilled / <i>erfüllt</i> | | not fulfilled / <i>nicht erfüllt</i> | | n.a. |
| X | fulfilled / <i>erfüllt</i> | | | | | | | |
| | not fulfilled / <i>nicht erfüllt</i> | | | | | | | |
| | n.a. | | | | | | | |

The modifications listed in attachment 2.1 do not have a negative influence on the existing test results. The former test results remain still valid. There are no technical objections.

Also related to technical specifications for ESAs, there are no differences between 04 series of amendments and 05 series of amendments.

3 **Other Information / Allgemeine Angaben**

3.1	Date of test / <i>Datum der Prüfung:</i>	05.03.2019 (Document check)
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3.2	Place of test / <i>Ort der Prüfung:</i>	Kocaeli, Turkey and Munich, Germany (Document check)
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4	<u>Remarks / Bemerkungen:</u>	This technical report is issued for 1 st extension application to E24 10R-042033.
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List of modifications /
Liste der Änderungen:

- | | | |
|---|---|---|
| 1 | Correction of /
<i>Es wird berichtigt:</i> | - - - |
| 2 | Modification of /
<i>Es wird geändert:</i> | <ul style="list-style-type: none"> - Company name of the manufacturer / assembly plant - Status of Regulation (Update to 05 series of amendments) - Means of identification of type - Make (Trade name of manufacturer) |
| 3 | Addition of /
<i>Es wird hinzugefügt:</i> | - - - |
| 4 | Deletion of /
<i>Es entfällt:</i> | - - - |

Beschreibungsbogen / Information Document

UN Regelung Nr. 10 (ECE-R10) / UN Regulation No. 10 (ECE-R10)

Änderungsserie 05, Ergänzung 1 / 05 series of amendments, supplement 1

Nr. No.	ART12 KC-01
Ausgabedatum Date of issue	19.01.2015
Letztes Änderungsdatum Date of last change	05.03.2019
1. Marke (Handelsmarke des Herstellers) Make (Trade name of manufacturer)	Climart
2. Typ Type	ART12 KC
Ausführung(en) Variant(s)	ART10, ART8/PLUS, ART8ECO
Handelsbezeichnung(en) Commercial description(s)	ART10, ART8/PLUS, ART8ECO
3. Art der Kennzeichnung des Typs Means of identification of type	Variant designation
3.1. Stelle, an der die Kennzeichnung angebracht ist Location of that marking	On the relay board
4. Name und Anschrift des Herstellers Name and address of manufacturer	Climart Klima ve Soğutma Sistemleri San. ve Tic. A.Ş. A.O.S.B. 10001 SOKAK NO:11 TR-35620 ÇİĞLİ, İZMİR, TURKEY
Name und Adresse des bevollmächtigten Vertreters, sofern zutreffend Name and address of authorized representative, if any	n.a.
5. Stelle an der das Genehmigungs- zeichen angebracht wird und Art der Anbringung Location and method of affixing of the approval mark	On the relay board
6. Anschriften des Montagebetriebs (Anschriften der Montagebetriebe) Address(es) of assembly plant(s)	Climart Klima ve Soğutma Sistemleri San. ve Tic. A.Ş. A.O.S.B. 10001 SOKAK NO:11 TR-35620 ÇİĞLİ, İZMİR, TURKEY
7. Diese EUB wird als Bauteil/ STE genehmigt ⁽¹⁾ This ESA shall be approved as a component/ STU ⁽¹⁾	

⁽¹⁾ Nichtzutreffendes streichen. / Delete where not applicable.

- | | | |
|-----|---|---|
| 8. | Beschränkung hinsichtlich der Verwendung und Einbaubedingungen
<i>Any restrictions of use and conditions for fitting</i> | This unit cannot work at above 50°C ambient temperature
This unit's working temperature range is between -23°C and 10°C |
| 9. | Nennspannung der elektrischen Anlage
<i>Electrical system rated voltage</i>

Nur zutreffend für Ladesysteme
<i>Only applicable for charging systems:</i> | ☒ 12V ☐ 24V ☐ 12V/24V
Anschluss an Masse negativ / <i>negative ground</i> |
| 10. | Ladegerät an Bord / extern
<i>Charger on board / external</i> | n.a. |
| 11. | Ladestrom: Gleichstrom / Wechselstrom
(Anzahl Phasen, Frequenz)
<i>Charging current: direct / alternating current (number of phases / frequency)</i> | n.a. |
| 12. | Maximaler Nennstrom (jeder Modus, falls notwendig)
<i>Maximal nominal current (in each mode if necessary)</i> | n.a. |
| 13. | Nominale Nennspannung
<i>Nominal charging voltage</i> | n.a. |
| 14. | Grundfunktionen der EUB-Schnittstelle
(z.B. L1/L2/L3/N/PE/Control Pilot)
<i>Basic ESA interface functions (ex. L1/L2/L3/N/PE/control pilot)</i> | n.a. |
| 15. | Minimaler R_{sce} -Wert
<i>Minimum R_{sce}-value</i> | n.a. |

- **Liste der Änderungen**
List of modifications

Es wird berichtigt
Correction of

Es wird geändert
Modification of

Name of assembly plant / manufacturer
Update to 05 Series of Amendments
Make (Trade name of manufacturer)
Means of identification of type

Es wird hinzugefügt
Addition of

Es entfällt
Deletion of
