



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~~Approval withdrawn~~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*2226*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:

ART44
Air conditioning unit

Variant(s):

ART18ECO, ART18, ART22, ART24, ART28, ART32, ART36, ART40

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

Variant designation

3.1 Location of that marking:

Side of the main component

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

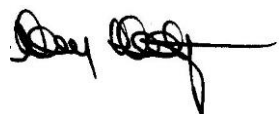
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark:

Sideway of the main component.

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*2226*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 14.05.2019*
11. Number of test report: *TR-02814 up to -01*
12. Remarks (if any): *See Appendix*
13. Place: *Dublin*
14. Date: *14th 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*2226*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: | 24V, negative ground |
| 1.2. | This ESA can be used on any vehicle type with the following restrictions: | <i>See manufacturer's specifications.</i> |
| 1.2.1 | Installation conditions, if any: | <i>See manufacturer's specifications.</i> |
| 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: **4th May, 2017.**

Date of latest amendment: **14th June, 2019**

Reason for extension/revision: **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. Additional conditions, and advisory
notes on legal alternatives.

2. Test report(s)

- numbers(s): **TR-02814 up to -01**

- date of issue: **09.03.2017**

- date of latest amendment: **14.05.2019**

3. Information document

- number(s): **ART44 up to -01**

- date of issue: **01.03.2017**

- date of latest amendment: **05.03.2019**

Documentation: **9 pages**

Approval No: E24*10R05/01*2226*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*:
ART44

Subject of testing / *Gegenstand der Prüfung*:
Component

0 General / Allgemeine Angaben:

- | | | |
|-------|--|--|
| 0.1 | Make
(trade name of manufacturer) /
<i>Fabrikmarke</i>
(Firmenname des Herstellers): | Climart |
| 0.2 | Type /
<i>Typ:</i> | ART44 |
| 0.2.1 | Variant(s) and Commercial description(s) /
<i>Variante(n) und Handelsname(n):</i> | ART18ECO, ART18, ART22, ART24, ART28, ART32, ART36, ART40 |
| 0.3 | Means of identification of type, if marked on the vehicle / component / technical unit /
<i>Merkmale zur Typidentifizierung, sofern am Fahrzeug / Bauteil / an der selbständigen technischen Einheit vorhanden:</i> | Variant designation |
| 0.3.1 | Location of that markings /
<i>Anbringungsstelle dieser Merkmale:</i> | Sideway of the main component |
| 0.4 | Category of vehicle /
<i>Fahrzeugklasse:</i> | n.a. |
| 0.5 | Manufacturer's name and address /
<i>Name und Anschrift des Herstellers:</i> | Climart Klima ve Soğutma Sistemleri San. ve Tic. A.Ş.

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

A.O.S.B. 10001 SOKAK NO:11
TR-35620 ÇIĞLI, İZMİR, TURKEY |
| 0.9 | Name and address of representative /
<i>Name und Anschrift des Beauftragten:</i> | n.a. |
| | Location of the approval mark /
<i>Anbringungsstelle des Genehmigungszeichens:</i> | Sideway of the main component |

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.: ART44-01

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> | ☒ fulfilled
☐ not fulfilled
☐ 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 / Datum der Prüfung:	05.03.2019 (Document check)
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3.2	Place of test / Ort der Prüfung:	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-042226.
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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.	ART44-01
Ausgabedatum Date of issue	01.03.2017
Letztes Änderungsdatum Date of last change	05.03.2019
1. Marke (Handelsmarke des Herstellers) Make (Trade name of manufacturer)	Climart
2. Typ Type	ART44
Ausführung(en) Variant(s)	ART18ECO, ART18, ART22, ART24, ART28, ART32, ART36, ART40
Handelsbezeichnung(en) Commercial description(s)	ART18ECO, ART18, ART22, ART24, ART28, ART32, ART36, ART40
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	Sideway of the main component
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 Genehmigungszeichen angebracht wird und Art der Anbringung Location and method of affixing of the approval mark	Sideway of the main component
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> | n.a. |
| 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
<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

-

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

Es wird geändert
Modification of

Es wird hinzugefügt
Addition of

-

Es entfällt
Deletion of

-