

COMMUNICATION

E₁₇ 10 R - 05 0125

concerning:

APPROVAL GRANTED
~~APPROVAL EXTENDED~~
~~APPROVAL REFUSED~~
~~APPROVAL WITHDRAWN~~
~~PRODUCTION DEFINITELY DISCONTINUED~~


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

Approval No. E17*10R05/01*0125*00

Extension No. -


- | | | |
|------|---|---|
| 1. | Make (trade name of manufacturer): | Sunit |
| 2. | Type and general commercial description(s): | US1412-Uxx; USB-Hub for vehicle computers
Versions: US1412-U2A, US1412-U3A |
| 3. | Means of identification of type, if marked on the vehicle/component/separate technical unit: | Type marked on a label |
| 3.1. | Location of that marking: | On the top of the product |
| 4. | Category of vehicle: | not applicable |
| 5. | Name and address of manufacturer: | Sunit Oy
Taitoraitti 1
FI-87400 Kajaani
FINLAND |
| 6. | In the case of components and separate technical units, location and method of affixing of the ECE approval-mark: | See items 3. and 3.1. |
| 7. | Address(es) of assembly plant(s): | See item 5. |
| 8. | Additional information (where applicable): | see appendix below |



9. Technical service responsible for carrying out the tests: SGS Fimko Ltd
(Särkiniementie 3)
P.O. Box 30
FI-00211 Helsinki
FINLAND
10. Date of test report: 07.02.2018
11. No. of test report: 289253-5
12. Remarks (if any): -
13. Place: Helsinki
14. Date: 08.02.2018
15. Signature: 
Marko Sinerkari
Head of Unit
16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.
- Information document no. 201802081118, 08.02.2018, 7 pages
- Component (US1412-U2A) document no. 201802061507, 06.02.2018, 31 pages
- Component (US1412-U3A) document no. 201802061500, 06.02.2018, 33 pages
- Test report 289253-5, 07.02.2018, 1+19 pages

Total number of pages: 91
17. Reasons for extension: not applicable

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Appendix to type-approval communication form No. 05 0125 concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.

1. Additional information
 - 1.1. Electrical system rated voltage: 12 V ~~pos~~/neg ground
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: -
 - 1.2.1. Installation conditions, if any: -
 - 1.3. This ESA can only be used on the following vehicle types: not applicable
 - 1.3.1. Installation conditions, if any: -
 - 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): Bulk Current Injection Test: ISO 11452-4:2005, 20-200 MHz and Absorber Chamber Test: ISO 11452-2:2004, 80-2000 MHz
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS Fimko Ltd
P.O. Box 30
FI-00211 Helsinki
FINLAND
2. Remarks: -

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Type approval number: E17 10R-05 0125

This Information document includes Type approval versions list which is under one type approval number. Information documents are separate to describe different technical type versions.

Information document of *vehicle computer Sunit different versions* relating to type approval of an electric/electronic sub-assembly with respect to uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility, **ECE regulation No 10/5**

and *railway vehicle electronic equipment Sunit different versions* relating to type approval of an electric/electronic sub-assembly used in railway applications with compliance of **EN 50155 Standard**

and *vehicle computer Sunit different versions* relating to type approval of an electric/electronic sub-assembly with compliance of **CFR regulation **47 part 15 subpart B****

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Document storage time: 10 years

Document storage info:

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Tyyppihyväksyntä\ Sunit USB hubs US1412-Uxx



