# ECE TYPE-APPROVAL CERTIFICATE

Communication concerning approval granted of a component type pursuant to UN Regulation No. 118

E5 Approval No: E5*118R04/01*0092*01

Reason(s) for extension : Change of type name

## Section I

General

| | | | |
|---|---|---|---|
| 1.1. | Make (trade name of manufacturer) | : | MOVON |
| 1.2. | Type | : | MDSM-22S, MDSM-22A, MDSM-22SA |
| 1.3. | Means of identification of type, if marked on the device | : | DSM |
| 1.3.1. | Location of that marking | : | On the package and product (Control Unit) |
| 1.4. | Name and address of manufacturer | : | Movon Corporation<br>7, Seolleung-ro 94-gil,<br>Gangnam-gu, Seoul<br>Republic Of Korea |
| 1.5. | Location of the approval mark | : | Not applicable |
| 1.6. | Address(es) of assembly plant(s) | : | Qingdao Movon Electronics Co., Ltd.<br>No. 70 Building-B, Song Hua JIang Road,<br>Qingdao Economic & Technical Developmentzone,<br>Shan-Dong<br>P.R. China |

**Swedish Transport Agency**
Road and Rail Department
Type Approvals
Box 267, SE-781 23 Borlänge, Sweden

Office address
Jussi Björlings väg 19

transportstyrelsen.se
vag@transportstyrelsen.se

SWEDISH APPROVAL AUTHORITY
TRANSPORT STYRELSEN
SVENSK GODKÄNNANDEMYNDIGHET

## Section II

| | | | |
|---|---|---|---|
| 1. | Additional information (where applicable) | : | See Appendix |
| 2. | Technical Service responsible for carrying out the tests | : | Vincotte N.V.<br>Jan Olieslagerslaan 35<br>1800 Vilvoorde<br>Belgium |
| 3. | Date of test report | : | 22 January 2025 |
| 4. | Number of test report | : | H2561328178.002 |
| 5. | Remarks (if any): | : | None |
| 6. | Place | : | Borlänge |
| 7. | Date | : | 13 February 2025 |
| 8. | Signature | : | <br>Johan Larsson<br>Type Approval Certification Officer |

9. The index to the information package lodged with the Type Approval Authority, which may be obtained on request, is attached.

Test report

Information document

# Appendix to type approval communication form E5*118R04/01*0092*01

concerning the type approval of a component type pursuant to UN Regulation No. 118

| | | | |
|---|---|---|---|
| 1. | Additional information. | | |
| 1.1. | Interior materials | | Not applicable |
| 1.1.1. | The direction which the component may be installed | : | Not applicable |
| 1.1.2. | Fulfils the requirements in paragraph 6.2.2. | : | Not applicable |
| 1.1.3. | Compliance has been checked for components approved as complete devices | : | Not applicable |
| 1.1.4. | Any restrictions of use and installation requirements | : | Not applicable |
| 1.2. | Insulation materials | | Not applicable |
| 1.2.1. | The direction which the component may be installed | : | Not applicable |
| 1.2.2. | Compliance has been checked for components approved as complete devices | : | ~~yes~~ / ~~no~~[1] |
| 1.2.3. | Any restrictions of use and installation requirements | : | Not applicable |
| 1.3. | Electric cables | : | |
| 1.3.1. | Any restrictions of use and installation requirements | : | None |
| 2. | Remarks | : | None |

**Swedish Transport Agency**
Road and Rail Department
Type Approvals
Box 267, SE-781 23 Borlänge, Sweden

Office address
Jussi Björlings väg 19

transportstyrelsen.se
vag@transportstyrelsen.se

SWEDISH APPROVAL AUTHORITY
TRANSPORT STYRELSEN
SVENSK GODKÄNNANDEMYNDIGHET

**Information document :** *MOV-AI-MDSM-22S-01*

**for ECE type-approval of a vehicle with respect to burning behaviour and/or the capability to repel fuel of lubricant of materials used in the construction of certain categories of motor vehicles**
***(*Regulation ECE-R118.04)**



**Reason for extension:**

- **Change of type name**

| | | |
|---|---|---|
| **1.** | **GENERAL** | |
| 1.1. | Make (trade name of manufacturer): | MOVON |
| 1.2. | Type and general commercial descriptions: | **MDSM-22S / MDSM-22A / MDSM-22SA** |
| 1.3. | Name and address of manufacturer: | Movon Corporation<br>7, Seolleung-ro 94-gil,<br>Gangnam-gu, Seoul,<br>Republic of Korea |
| 1.4. | In the case of components and separate technical units, location and method of affixing of the approval mark | On the package of cables |
| 1.5. | Address(es) of assembly plant(s): | Qingdao Movon Electronics Co., Ltd.<br>No. 70 Building-B, Song Hua JIang Road, Qingdao Economic & Technical Developmentzone,<br>Shan-Dong<br>P.R. China |
| 1.6 | Manufacturer's representative: | VIGNAL SESALY<br>71 Impasse de la Balme<br>69800 Saint Priest<br>FRANCE |
| **2.** | **INTERIOR MATERIALS** | **N.A** |
| 2.1. | Material(s) intended for horizontal / vertical / horizontal and vertical installation<br><br>Material intended to be installed more than 500 mm above the seat cushion and/or on the ceiling of the vehicle: yes / not applicable | |
| 2.2. | Base material(s)designation: | |
| 2.3. | Composite/single material, number of layers(1) : | |

| | | |
|---|---|---|
| 2.4 | Type of coating:<br>Colour: | |
| 2.5. | Minimum/maximum thickness: | |
| 2.6. | Type-approval number, if available: | |
| **3.** | **INSULATION MATERIALS:** | **N.A** |
| **4.** | **ELECTRIC CABLES:** | |
| 4.1. | Material(s) used for: | PVC cable |
| 4.2. | Base material(s)/designation: | 100% PVC |
| 4.3. | ~~Composite~~/single material, number of layers(1) : | PVC cable |
| 4.4. | Type of coating: | PVC |
| 4.5. | Minimum/~~maximum~~ thickness: | 3.8mm |
| 4.6. | Type-approval number, if available: | - |
| **5.** | **ADHESIVE AGENTS** | **N.A** |
| 5.1 | List of the adhesive agents that can be used without deterioration of the burning behaviour of the material(s) : | |

**VINÇOTTE nv**
Registered office: Jan Olieslagerslaan 35 ▪ 1800 Vilvoorde ▪ Belgium
VAT BE 0462.513.222 ▪ RPM/RPR Brussels ▪ BNP Paribas Fortis: BE24 2100 4113 6338 ▪ BIC: GEBABEBB
Jan Olieslagerslaan 35 ▪ 1800 Vilvoorde ▪ Belgium ▪ phone: +32 2 674 57 11 ▪ brussels@vincotte.be

ISO/IEC 17020 Accredited inspection body - Accreditation certificate BELAC No. 016-INSP

1. **SUBJECT** : **BURNING BEHAVIOUR AND/OR THE CAPABILITY TO REPEL FUEL OR LUBRICANT OF MATERIALS USED IN THE CONSTRUCTION OF CERTAIN CATEGORIES OF MOTOR VEHICLES** R118-04 (PART II)

2. **REF.** : Report number : **H2561328178.002** No. of pages : 1 of 2 No. of annexes : 00
Update : 01

3. **GENERALITIES** :

Make of the component : MOVON

Manufacturer's type : MDSM-22S / MDSM-22A / MDSM-22SA

Commerical description : Not applicable

Name and address of the manufacturer :
Movon Corporation
7, Seolleung-ro 94-gil,
Gangnam-gu, Seoul
Republic Of Korea

4. **TESTS** : Date and place : 22.01.2025 Atatürk Mh. Erzincan Sk. No:24/2 Ataşehir / Istanbul / TURKEY

Applied document(s) : MOV-AI-MDSM-22S-01 information document, issue date: 2025.01.17

Inspector : Mr. O. OZGOREN | Vinçotte – ITAC
Mr. R. ULUG | Vinçotte – ITAC

Manufacturer's representative : Mr. J. YEOM

Location of E-mark : Not applicable

5. **CONCLUSIONS** :

The tests were carried out according to the following specifications :

- UNECE Regulation 118 incorporating supplement 1 to 04 series of amendments (PART II)

The models presented comply with the requirements to be applied.

Date : 2025.01.22

Signature :

VINÇOTTE nv/sa
**Okan Özgoren**
Automotive Certification

VINÇOTTE nv/sa
**Recep Uluğ**
Automotive Certification

**MODIFICATION(S)**

1) Change of type name

See also information document .

**VERIFICATIONS**

The above modifications have no influence on previous test results.

**CONCLUSIONS**

The modifications described in the information document mentioned above will not change the favourable conclusions of our report H2461328178.001(original).

THIS REPORT MAY NOT BE REPRODUCED UNLESS WRITTEN AUTHORIZATION GIVEN BY BOTH THE MANAGER (OR AUTHORISED PERSON) AND THE APPLICANT.