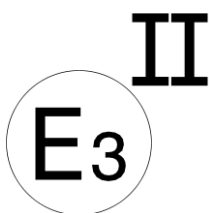




Ministero delle infrastrutture e dei trasporti

DIPARTIMENTO PER LA MOBILITA' SOSTENIBILE
DIREZIONE GENERALE TERRITORIALE DEL CENTRO
Centro Superiore Ricerche e Prove Autoveicoli e Dispositivi
Via di Settebagni 333, 00139 Roma – Tel. 06872881
UFFICIO 7

e-mail: direzione.csrapad@mit.gov.it - PEC: csrapad-roma@pec.mit.gov.it - sito: www.csrapad.it



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~~Approval withdrawn~~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

Of a type of audible warning system, multiple audible warning system for motor vehicles pursuant to UN Regulation No. 28 (Amendment 6)

Approval N°: **007042**

Extension No.: **219**

Section I

0.1. Make (trade name (mark) of manufacturer):

FIAMM

0.2. Type or commercial description:

AM80SX high tone + low tone (H+L)

0.3. Means of identification of type if marked:

Marked by plastic moulding

0.3.1. Location of that marking:

On the trumpet

0.4. Class:

Class II

0.5. Company name and address of manufacturer:

Elettra 1938 S.p.A.
Viale Europa, 75
36075 Montecchio Maggiore (VI) – Italy.

FIAMM Technologies, L.L.C.
1550 Leeson Avenue, Cadillac, MI 49601, USA.

FIAMM Latin America Componentes Automobilitsticos Ltda.
Avenida Piraporinha 121, Planalto, 09891-000 São Bernardo do Campo, São Paulo, Brasil.

FIAMM Autotech Co., Ltd.
Building 4, N° 132, Xingfuyuan Road, Shamao Street, Hannan District, Wuhan City, Hubei Province, Post Code 430090, P.R. China.

Manufacturas la Cruz, s.a. de C.V., (sección FIAMM)
Lateral de la Carretera Estatal 431 km. 2+200,
Condominio Industrial Parque Tecnológico Innovación
Querétaro, int. 9, Módulo 9-2a, Lázaro Cárdenas, El
Marqués, Querétaro, CP: 76127, Mexico.

- 0.6. Name and address of the manufacturer's representative (if any): Elettra 1938 S.p.A.
Viale Europa, 75
36075 Montecchio Maggiore (VI) – Italy.
- 0.7. Names and address(es) of assembly plant(s): As in point 0.5.

Section II

1. Additional information (where applicable): See Addendum
2. Technical service responsible for carrying out the tests: C.S.R.P.A.D. of Rome - Italy
3. Date of test report: 05/04/2023
4. Number of test report: 89634/ECE/23
5. Remarks (if any): See Addendum
6. Place: Rome
7. Date: See digital signature
8. Signature dott. ing. Marco Antonio PES
9. Reason for Extension: Updated homologation markings

Attachments:

Information package

Test report(s)

Addendum:

1. Additional information
- 1.1. Brief description of a principle of operation: Electromagnetic with horn
- 1.1.1. In case of audible warning system, multiple audible warning system number of devices: 2
- 1.2. Rated voltage(s), V: 12 DC
- 1.3. Rated operating pressure(s), MPa (kg/cm²): N/A
- 1.4. Rated sound frequency (or frequencies), Hz: High tone: 490 ± 10%; Low tone: 400 ± 10%

1.5.	Geometrical characteristics (internal length and diameter) of connecting line between compressor or control and the audible warning device, audible warning system, multiple audible warning system:	N/A
2.	Test results for each of two samples:	
2.1.	A-weighted sound pressure level, dB:	Compliant with the UN Regulation No. 28
2.2.	A-weighted sound pressure level in the frequency band 1.800 to 3.550 Hz, dB:	Compliant with the UN Regulation No. 28
2.3.	Measuring rated sound frequency (or frequencies), Hz:	Compliant with point 1.4.
2.4.	Endurance test: passed / not passed:	Passed
3.	Remarks:	