



THE NETHERLANDS  
(N E D E R L A N D)



## EEC TYPE-APPROVAL CERTIFICATE

Communication concerning the:

- ~~granted of type-approval~~
- extension of type-approval
- ~~refusal of type-approval~~
- ~~withdrawal of type-approval~~

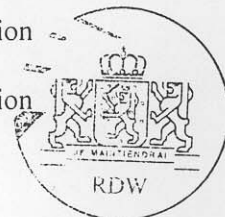
of a type of ~~vehicle/component~~/separate technical unit with regard to 72/245/EEC Directive as last amended by 95/54/EC Directive.

Type-approval N° : e4\*72/245\*95/54\*0419\*01  
Reasons for extension : See test report 0303287

Approval mark : e 4  
020419

## SECTION I

- 0.1. Make (trade name of manufacturer) : FEDERAL SIGNAL VAMA, S.A.
- 0.2. Type and general commercial description(s) : ELECTRONIC SIREN  
SC-298BT 30W SD55A/96 BITON.12  
SC-298CT 30W SD55A/96 WAIL/YELP  
SC-299CT 30W, AS-320 SIRENA 100W 12V  
AS-320 SIRENA 100W 24V,  
AS-425 SIRENA 100W 12V  
AS-425 SIRENA 100W 24V  
AS-422/6S SIRENA 100W 12V MODF  
AS-422 SIRENA 100W 12V  
AS-250 SIRENA 100W 12V  
AS-2010, ICS2010, GEP 500/BCT500  
SCS-1000
- 0.3. Means of identification of type, if marked on the ~~vehicle/component~~/separate technical unit : See technical documentation
- 0.3.1. Location of that marking : See technical documentation
- 0.4. Category of vehicle : ---
- 0.5. Name and address of manufacturer : FEDERAL SIGNAL VAMA, S.A.  
C/ Dr. Ferran , 7 . 08339  
Vilassar de Dalt , Barcelona (SPAIN)



**Type-Approval Number** : e4\*72/245\*95/54\*0419\*01

- 0.7. In the case of components and separate technical units, location and method of affixing of the approval mark : See technical documentation
- 0.8. Address(es) of assembly plant(s) : C/ Dr. Ferran, 7 . 08339  
Vilassar de Dalt, Barcelona (SPAIN)  
  
C/ Narcís Monturiol, 21-23 . 08339  
Vilassar de Dalt, Barcelona (SPAIN)

## SECTION II

1. Additional information (where applicable) : See appendix
2. Technical service responsible for carrying out the tests : IDIADA AT  
L'Albornar, P.O. Box 20  
E-43710 Santa Oliva (Tarragona)  
SPAIN
3. Date of test report : 19.02.2002, 27.03.2003
4. Number of test report : 0112131, 0303287
5. Remarks (if any) : See appendix
6. Place : Zoetermeer
7. Date : 14. APR 2003
8. Signature



9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

- Test report: see section II item 4 (Pages 4)
- Technical documentation (Pages 29)

Type-Approval Number : e4\*72/245\*95/54\*0419\*01

**Appendix to Type-Approval Communication Form N° e4\*72/245\*95/54\*0419\*01  
Concerning the Type-Approval of a Vehicle with regard to Directive 72/245/EEC as last amended  
by Directive 95/54/EC**

1. Additional information (where applicable)
- 1.1. Electrical system rated voltage : 12 or 24V, negative 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 be used only on the following vehicle types : The use of this ESA is strictly reserved to the priority vehicles legally authorised
- 1.3.1. Installation conditions, if any : This ESA is not waterproof.  
It must be installed in a place protected from rain and pressure water jets and away from heat sources
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : Free field; 20 – 1000 MHz
- 1.5. Approved/accredited laboratory responsible for carrying out the tests : IDIADA AT  
L'Albornar, P.O. Box 20  
E-43710 Santa Oliva (Tarragona)  
SPAIN
5. Remarks (if any) : ---

