



**NSAI**  
Certification

**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~~Approval withdrawn~~  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\*3015\*00**

Reason for extension:	-N/A
1. Make (trade name of manufacturer):	<b>VEM SOLUTIONS S.p.A.</b>
2. Type and general commercial description:	<b>JRTN</b>
Variant(s):	N/A
3. Means of identification of type, if marked on the component:	<b>JRTN</b>
3.1 Location of that marking:	<b>Adhesive Label on Bottom of Plastic Case</b>
4. Category of vehicle:	N/A
5. Name and address of manufacturer:	<b>VEM Solutions S.p.A. Via Aosta, 20/21/22/23, 10078 Venaria Reale (TO), Italy</b>
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark:	<b>Adhesive Label on Bottom of Plastic Case</b>
7. Address(es) of assembly plant(s):	<b>VEM Solutions S.p.A. Via Aosta, 20/21/22/23, 10078 Venaria Reale (TO), Italy</b>  <b>COGEMA s.r.l. – Via Verga 4A – 22046 Merone (CO)</b>

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8. Additional information (where applicable): *See appendix*
9. Technical service responsible for carrying out the tests: *IMQ S.p.A. - Via Quintiliano,  
43 – I-20138 Milano*
10. Date of test report: *14.10.2019*
11. Number of test report: *AR19-0044770-01*
12. Remarks (if any): *See Appendix*
13. Place: *Dublin*
14. Date: *31<sup>st</sup> October, 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\*3015\*00

**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: *12V/24V, negative ground*
  - 1.2. This ESA can be used on any vehicle type with the following restrictions: *See manufacturer's specifications.*
    - 1.2.1 Installation conditions, if any: *See manufacturer's specifications.*
  - 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:  
*Bulk Current Injection Method:  
Frequency: (20 - 200MHz)  
Absorber Chamber Test:  
Frequency: (200 - 2000MHz)*
  - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *IMQ S.p.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*