



Communication concerning approval granted of a type of electrical/electronic sub-assembly with regard to Regulation No 10

Approval No:	E5*10R05/01*0384*00
1. Make: (trade name of manufacturer)	VBG Group AB
2. Type and general commercial description:	VBG coupling system, Herman
3. Means of identification of type, if marked on the component:	VBG Electric Infrastructure Part.no: CSM-L VBG Part.no: 28-108800 stand alone CSM-H RF Part.no: 15990309 stand alone BCM-H VBG Part.no: 28-106800 DSM assy Part.no: 28-107000
3.1. Location of that marking:	Sticker placed on the power supply cable or on the module housing
4. Category of vehicle:	Not applicable
5. Name and address of manufacturer:	VBG Group Truck Equipment AB Herman Kreftings Gata 4 462 28 Värnesborg SWEDEN
6. Location and method of affixing the ECE approval mark:	Sticker placed on the power supply cable or on the module housing
7. Address(es) of assembly plant(s):	DeltaNordic, Box 4024, SE-891 04 Örnköldsvik, Sweden Vikan Marketing SIA 83 Maza Krasta Street Riga, LV-1003 LATVIA
8. Additional information:	See information document VBG Electric Infrastructure
9. Technical service responsible for carrying out the tests:	SP Technical Research Institute of Sweden Box 857 S-501 15 BORÅS SWEDEN
10. Date of test report:	2019-01-24

11. Number of test report: 8P08674
12. Remarks (if any): See appendix
13. Place: Borlänge
14. Date: 29 MARCH 2019
15. Signature: Swedish Transport Agency



Mikael Kascha

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

- Information document: VBG Electric Infrastructure, 3 pages
- Test report: 8P08674, dated 2019-01-24, 44 pages

Appendix to type approval communication form No: E5*10R05/01*0384*00
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 DC
- 1.2. This ESA can be used in any vehicle type with the following restrictions: Not applicable
- 1.2.1. Installation conditions: Not applicable
- 1.3. This ESA unit can be used only in the following vehicle types: Not applicable
- 1.3.1. Installation conditions: Not applicable
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: ISO 11 452-4, 20-200 MHz
ISO 11 452-2, 200-1000 MHz
ISO 11 452-2, 800-2000 MHz

- 1.5. Approved laboratory responsible for carrying out the test: SP Technical Research Institute of Sweden
Box 857
S-501 15 BORÅS
SWEDEN
2. Remarks: -
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