TEST REPORT

AFD.01.2653-17

Transport control system **FMB920**
manufactured of JSC "Teltonika", Vilnius, Lithuania

Private Limited Company
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OF ELECTROTECHNICAL PRODUCTS"
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ISO/IEC 17025 Nr. LA. 01.003

APPROVED

The chief of the EGSC Testing Centre

A. Petrov

2017-03-08

TEST REPORT

AFD.01.2653-17, 7 pages

Transport control system **FMB920**
manufactured of JSC "Teltonika", Vilnius, Lithuania

Tested: 2017-03-06 ÷ 2017-03-08

Tested according to
LST EN 60529:1999+A1+AC:2002
(EN 60529:1991+AC:1993+A1:2000)

EGSC Testing Centre

Product	- transport control system
Model/type, number	- **FMB920** 1 unit, No. 004/BC (EGSC)
Name and address of the manufacturer	- JSC "Teltonika" Liepkalnio str. 132A, LT-02121, Vilnius
Name and address of the applicant	- JSC "Teltonika" Liepkalnio str. 132A, LT-02121, Vilnius
Trade mark (if any)	- TELTONIKA
Order for test	- No.02 dated 2017-02-22
Contract	- ---
Application	- Letter dated 2017-02-25
Received	- 2017-03-06

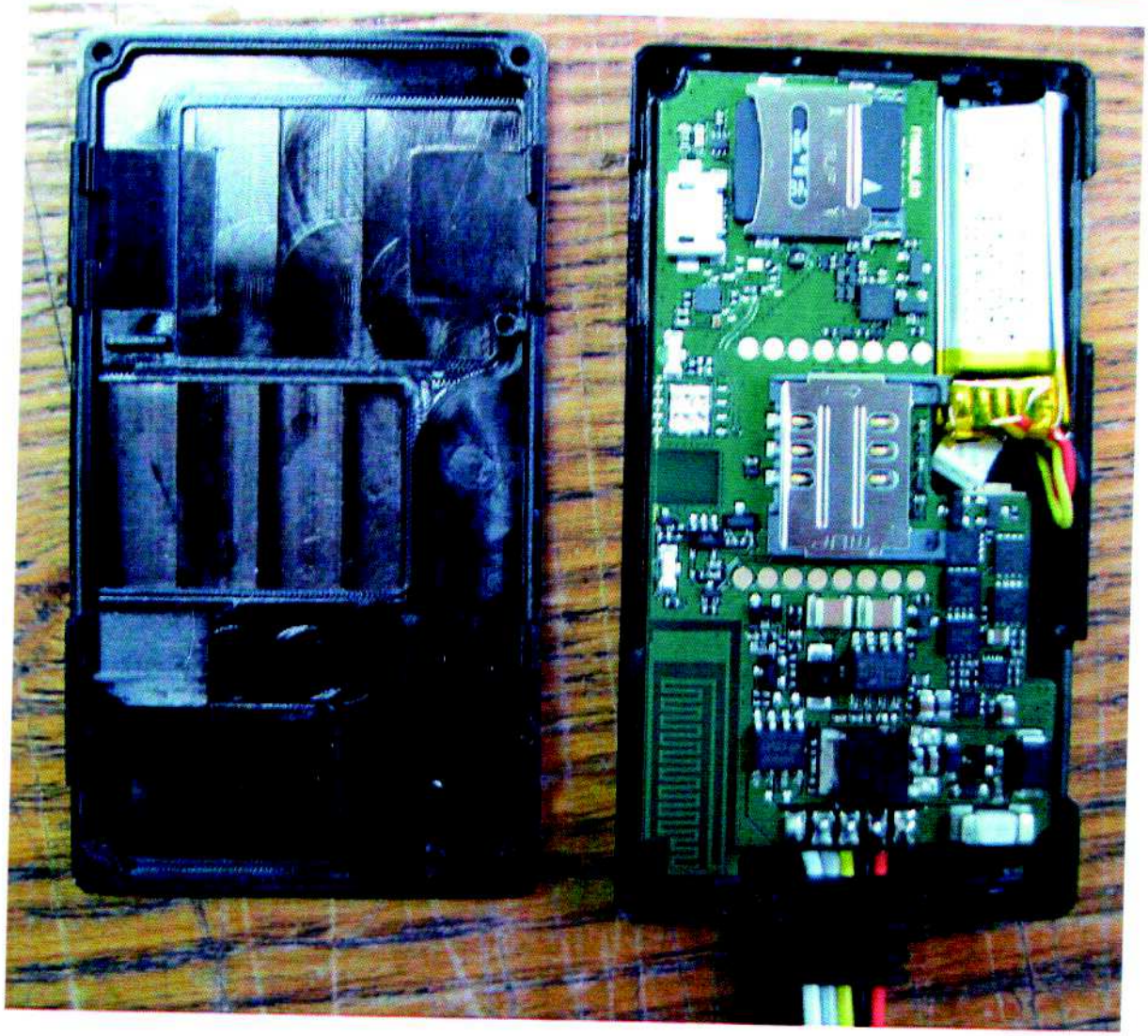

Fig. 1. Transport control system **FMB920**

Possible test case verdicts (placed in the column **"Verdict"**)

P - Pass,

F - Fail,

N - Not applicable,

n - Not tested

The tests are carried out with accordance of the program specified in the Letter No.02 dated 2017-02-22

The test results concern only to the testing object

Clause	Requirement-Test	Remark	Verdict
1	2	3	4

LST EN 60529

13.4	Dust test for first characteristic numeral 5 and 6		
	The test is made using a dust clamber shown in Figure 2		P
	The duration of the test is 8 h	Category 2 (not connected to a vacuum pump)	P
13.5.2	Acceptance conditions for first characteristic numeral 5		
	The protection is satisfactory if, on inspection, talcum powder has not accumulated in a quantity or location such that, as with any other kind of dust, it could interfere with the correct operation of the equipment or impair safety. No dust shall deposit where it could lead to tracking along the creepage distances	See Table 1	P
14.2.4	Test for second characteristic numeral 4 with oscillating tube		
	The test is made with a device described in Figure 4		P
	a) Conditions when using the test device as in Figure 4 (oscillating tube)		
	The oscillating tube has spray holes over the whole 180 ° of the semicircle. The total flow rate is adjusted as specified in Table IX and measured with flow meter	R = 400 mm; Number of open holes - 25	P 1,8 l/min
	The tube is caused to oscillate through an angle of almost 360 °, 180 ° on either side of vertical, the time for one complete oscillation (2 x 360 °) being about 12 s		P
	The duration of the test is 10 min		P

1	2	3	4
14.3	Acceptance conditions		
	After testing the enclosure shall be inspected foe ingress of water		P
	In general, if any water has entered, it shall not:		
	- be sufficient to interfere with the correct operation of the equipment or impair safety;	See Table 1	P
	- deposit on insulation parts where it could lead to tracking along the creepage distances;	See Table 1	P
	- reach live parts or windings not designed to operate when wet;	See Table 1	P
	- accumulate near the cable end or enter the cable if any	See Table 1	P

Table 1 Test results

Test LST EN 60529		Result of the test
		Type of the device
		FMB920
13.4, 13.5	Protection against penetration of dust	No trace of talcum powder within protected space
14.2.14. 14.3	Protection against penetration of water	No trace of water within protected space