

Manufacturer`s Declaration of Conformity

Hirschmann Automation and Control GmbH

**Stuttgarter Straße 45-51
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declares in sole responsibility, that the product(s)

WLAN Access Point / Client

(Product description)

BAT867-F[EU]W99[A]C][W]P]9[9]J]9[A]T699[L]T[E]999[Z]9]Hxx.xx.xxxx-[NT]SZ]

(Type, reference number)

has been designed and manufactured in accordance with the following standards

EN 50121-4:2016 – Railway Applications
– EMC – Signalling and telecommunication apparatus

Test description	EN 50121-4 Section	Test Reference	Requirement
Radiated electromagnetic field	table 2.1 table 2.2	IEC 61000-4-3 IEC 61000-4-3	80... 800 MHz, 10 V/m 800... 1000 MHz, 20 V/m 1400...2000 MHz, 10 V/m 2000...2700 MHz, 5 V/m 5100...6000 MHz, 3 V/m
Power frequency magnetic field	table 2.3	IEC 61000-4-8	16,7 Hz, 100 A/m 50 Hz, 100 A/m 0 Hz, 100 A/m No test required
Electrostatic Discharge	table 2.4	IEC 61000-4-2	±6 kV contact discharge ±8 kV air discharge
Conducted disturbances	table 3.1/ 4.1/ 5.1/ 6.1	IEC 61000-4-6	Signal ports, power ports: 10 V
Fast transient / burst	table 3.2/ 4.2/ 5.2/ 6.2	IEC 61000-4-4	Signal ports, power ports: ±2kV
Surges 1,2/50µs	table 3.3/ 4.3/ 5.3	IEC 61000-4-5	Signal ports, power ports: CM ±2kV DM ±1kV

Radiated Emission	5	EN 61000-6-4	30...230 MHz: 40 dB μ V/m (10m) 230...1000 MHz: 47 dB μ V/m (10m) 1...3 GHz: 76 dB μ V/m peak (3m) 56 dB μ V/m av. (3m) 3...6 GHz: 80 dB μ V/m peak (3m) 60 dB μ V/m av. (3m)
Emission – AC or DC power ports	table 1.1	EN 55016-2-1	<i>Power ports:</i> 150...500 kHz: 79 dB μ V qp. 66 dB μ V av. 500 kHz...30 MHz: 73 dB μ V qp. 60 dB μ V av.



(Wolfgang Schenk
Managing Director)



(i.V. Peter Schumacher
Manager Quality Management)

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(Issue place and date)