



CERTIFICATE

№ EMC- 19- 000 - (2emc-19-078)- 054E

"CTEC" Ltd. certifies that

Product

FAN CONTROLLER

trade mark: **GSE**

type: *Min. Speed Socket Controller EU*

Rated maximum voltage 250 V AC; Rated frequency 50 Hz

Rated maximum power: 1 150 W; Class I

Applicant

G-systems engineering OOD, Bulgaria

11, Industrial zone, Sliven 8800

tel: +359 44 6675357

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Manufacturer

G-systems engineering OOD, Bulgaria

11, Industrial zone, Sliven 8800

tel: +359 44 6675357

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Complies with the

standards

EN 55014-1:2017 Electromagnetic compatibility (EMC)

Requirements for household appliances, electric tools and similar apparatus

Part 1: Emission - *cl.4, cl.5 - Mains terminal disturbance voltage;*

Discontinuous disturbances and Disturbance power

EN 61000-3-2:2014 Electromagnetic compatibility (EMC)

Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013 Electromagnetic compatibility (EMC)

Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and

flicker in public low-voltage supply systems, for equipment with rated

current ≤ 16 A per phase and not subject to conditional connection

EN 55014-2:2015 Electromagnetic compatibility (EMC)

Requirements for household appliances, electric tools and similar apparatus.

Part 2: Immunity - Product family standard – *cl.5.1; cl. 5.2; cl. 5.6; cl. 5.7*

EN 61000-4-2:2009 Electromagnetic compatibility (EMC)

Part 4-2: Testing and measurement techniques - *Electrostatic discharge immunity test*

EN 61000-4-4:2012 Electromagnetic compatibility (EMC)

Part 4-4: Testing and measurement techniques - *Electrical fast transient/burst immunity test*

EN 61000-4-5:2014 Electromagnetic compatibility (EMC)

Part 4-5: Testing and measurement techniques - *Surge immunity test*

EN 61000-4-11:2004+A1:2017 Electromagnetic compatibility (EMC)

Part 4-11: Testing and measurement techniques – *Voltage dips, short interruptions and voltage variations immunity tests*

Certificate has been issued on the base of

Test reports:

№ 2emc-19-078/27.11.2019 № 2emc-e-19-078/27.11.2019

The conformity *Certificate* is based on the evaluation testing of the above mentioned product and does not imply assessment of the production.

Date of issue: 2019-11-27
Stara Zagora

Manager CTEC Ltd.

/dipl. eng. Blagovesta Shineva/

