



EU DECLARATION OF CONFORMITY

Tecumseh Products Company
5683 Hines Drive, Ann Arbor, MI 48108, USA

Certify and declare under our sole responsibility that the following products are in conformity with:

- The ESSENTIAL REQUIREMENTS outlined in Directive 2004/108/EC (until April 19th, 2016) and Directive 2014/30/EU (from April 20th, 2016).
- The approved limits for ESA's with no type approval outlined in Directive E/ECE/324/Add.9/Rev.6-E/ECE/TRANS/505/Add.9/Rev.6, Addendum 9: UN Regulation No. 10 dated 20 November 2019.

Product Description: ASSY, CONTROLLER, 12/24 VDC, SIERRA

Model(s): STA or A-Class

Manufacturer: Tecumseh Products Company

Applied Standards: **Report R-15392 For Directive 2014/30/EU**
CISPR 25, Limits and methods of measurement for the protection of on-board receivers
SAE J1113-2, Electromagnetic Compatibility Measurement Procedures and Limits for Vehicle Components (Except Aircraft)- Conducted Immunity, 15 Hz to 250 kHz-All Leads.
SAE J1113-4, Immunity to Radiated Electromagnetic Fields-Bulk Current Injection (BCI) Method.
SAE J1113-11, Immunity to Conducted Transients on Power Leads.
SAE J1113-13, Electromagnetic Compatibility Measurement Procedure for Vehicle Components - Part 13: Immunity to Electrostatic Discharge
SAE J1113-21, Electromagnetic Compatibility Measurement Procedure for Vehicle Components - Part 21: Immunity to Electromagnetic Fields, 30 MHz to 18 GHz, Absorber-Lined Chamber.
ISO 10605, Road vehicles - Test methods for electrical disturbances from electrostatic discharge
ISO 11452-2, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure
ISO 11452-4, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods
ISO 11452-10, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 10: Immunity to conducted disturbances in the extended audio frequency range
ISO 16750-2, Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads
ISO 7637-2, Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only
ISO/IEC 17025:2005, General requirements for the competence of testing and calibration laboratories

Report R-17588-2 For Directive E/ECE/324/Add.9/Rev.6-E/ECE/TRANS/505/Add.9/Rev.6, Addendum 9: UN Regulation No. 10 dated 20 November 2019
CISPR 25, Radiated Emissions, 30 MHz to 1.0 GHz, ALSE Method
ISO 11452-2, Method(s) of testing for immunity of electrical/electronic sub-assemblies to electromagnetic radiation – Radiated, 20 MHz to 2 GHz
ISO 11452-4, Method(s) of testing for immunity of electrical/electronic sub-assemblies to electromagnetic radiation – Conducted, 20 MHz to 200 MHz
ISO 7637-2, Method(s) of testing for immunity to and emission transients of electrical/electronic sub-assemblies – Immunity & Emission

This declaration is based upon the application of the standards noted above and the Technical Construction File (TCF) noted below. Any exceptions, or cases of noncompliance to the specifications, are noted within the Technical Construction File (TCF) documentation. The Technical Construction File (TCF) is maintained by Tecumseh Products Company and consists of the following documents.

TCF#: 600A1589: Product Specifications
TCF Strategy & Overview
SIERRA A Class Controller EMC DVP&R – 600A1283

This Declaration of Conformity is for the above mentioned component(s) only. The end product, machine, or apparatus incorporating this component(s), must be found to be in compliance with all applicable standards and directives listed in the Official Journal of the European Communities.

Scott Lavey
Electronics Project Engineer
Representative Name and Title

 15JUL21
Signature and Date