



UKCA Declaration of Conformity

(in accordance with ISO/IEC 17050-1 and ISO/IEC 17050-2)

This is to certify that the product listed below, which was designed and manufactured by:

Watlow Electric Manufacturing Company

1241 Bundy Blvd.
Winona, MN 55987 USA

meets the essential safety requirements of the following Statutory Guidelines, when properly installed, maintained and operated in the application for which it was designed. In addition, this is to certify that this product has also been designed and manufactured to ensure compliance with all applicable regulations.

A Technical Documentation File is also available for review by competent authorities and will be maintained for a period of ten years after the date on which the product was last manufactured. In addition to this Technical File, one can find design, safety, installation, maintenance, and application related information about this product in the documentation that was shipped with product or on www.watlow.com.

This declaration of conformity is issued under the sole responsibility of the manufacturer for the product listed below.

Product Name: Series DAS II, DAS IV
Watlow Part Number: 1E51443G(followed by any two numbers or letters)
Service parts 45-2247
Product Description: Temperature Recorder, Installation category I, Pollution degree 2, IP65
Rated Supply: 10 to 16 V $\overline{=}$ (dc)
Rated Power: 3 Watts maximum

We, as the manufacturer, hereby declare that the products described above are in conformity with the applicable requirements in accordance with the following **Statutory Guidance**:

Applicable regulations: **S.I. 2016 No. 1101** – Electrical Equipment (Safety) Regulations
S.I. 2016 No. 1091 – Electromagnetic Compatibility (EMC) Regulations
S.I. 2012 No. 3032 – Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous materials (RoHS).
S.I. 2018 No. 1214 – The Waste Electrical and Electronic Equipment Regulations Amendment. 2. (WEEE)
S.I. 2008 No. 2164 – Using button and coin batteries

The object of the declarations described above is in conformity with the relevant harmonized standards:

Applicable Standards:

Safety: **EN 61010-1:2010** +A1:2019 Safety Requirements of electrical equipment for measurement, control and laboratory use. Part 1: General requirements
EMC: **EN 61326-1:2013** Electrical equipment for measurement, control and laboratory use – EMC requirements Industrial Immunity.

Any questions relating to this declaration or the conformity of the product(s) covered by this declaration should be directed, in writing, to either the European or Company Authorized Representative noted on this declaration.

EMC (Cont'd): **IEC 61000-4-2:2008** Electrostatic discharge immunity
IEC 61000-4-3:2007 +A1/2008, A2/2010 Radiated, radio-frequency electromagnetic field immunity
10V/M 80–1000 MHz, 3 V/M 1.4–2.7 GHz
IEC 61000-4-4:2012 Electrical fast-transient / burst immunity
IEC 61000-4-5:2014 +A1/2017 Surge immunity
IEC 61000-4-6:2013 + Corrigendum 2015 Immunity to conducted disturbances induced by radio-frequency fields

EN 55011:2016, A1:2017, A11:2020 Emissions for Industrial, Scientific or Medical equipment, Group 1
RF not intentionally Generated, Class B residential, commercial emissions.

Battery: Contains a BR 2/3A Lithium cell battery which shall be recycled at end of life.

WEEE: Electronic Equipment Assembly, Consult sales office or factory for information on proper recycling methods.

Environmental: **EN IEC 63000¹:2018-** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (RoHS) 10 of 10 with exemptions below.

- 1) RoHS compliance of some components used within product is via the following exemptions
 - 7 a) Lead in high melting point solders internal to components
 - 7 c) -i Lead in glass in ceramic internal to components

European Authorized Representative:

Mr. Martin Wallinger
Watlow Plasmatech GmbH
Brennhoflehen-Kellau 156
5431, Kuehl, Austria

CE Implementation Date:

Oct 24th, 2023

Place of Issue:

Winona, MN USA

Company Authorized Representative:

Jeff Harrington



Director of Operations
Watlow Electric Manufacturing Company
1241 Bundy Blvd.
Winona, MN 55987 USA



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