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:	**EZ-ZONE® Flex Modules**
Watlow Part Number:	FMLA-(LAJ, LCJ, LEJ, MAJ, MCJ, MEJ, YEB)A-A(A,F,B,G)**XX** FMMA-**X**(A,C,E,F,K)(A,C,H,J,K)A-A(A,F,B,G)**XX** FMHA-(4, R,P,C,F,B,J,K,L)AAA-A(A,F,B,G) **XX** FMCA-**X**AAA-A(A,F,B,G)**XX**; Note: X = Any letter or number
Product Description:	FMLA, FMMA and FMHA are Process Control modules, FMCA are Communication modules; Modules are Integrated Controls in either Series F4T or D4T Bases; Modules are IP20 when properly installed.
Rated Supply:	Relay, SSR or No-Arc Control outputs 24 to 240 V~ (ac) 50/60 Hz, Switched DC, Process and communications; UL Class 2 or Extra Low Voltage "ELV"
Rated Power:	See manual for de-rating at increased temperatures for each load output type. No-arc relays 15A 1.C, Dual SSR module 1.C 10A each output, Mechanical relay 5A 125 VA, 25 VA at 24 V~ (ac) 1.B, Discreet SSR 1/2A 1.C 20VA, Quad SSR 1.C 1.5A 50 VA, Hex I/O ELV 1.5A, all others ELV limited energy.

Flex Modules are considered components and have no function in and of themselves, it is only when installed in a **Watlow Series F4T or Series D4T** Base enclosure that they have useful function. Modules were tested as parts of these systems for compliance with the following directives. See those models Declarations of Conformity for further details.

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 Directives:	**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)

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.

The object of the declarations described above is in conformity with the relevant harmonization legislation:

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
EN 55011:2016/A1:2017/A11:2020 Emissions Industrial, Scientific, Medical equipment, Group 1 RF not intentionally generated, Class B Residential Commercial Emissions
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 61000-3-2:2014 Limits for harmonic current emissions for equipment ≤ 16 Amps per phase
EN 61000-3-3[1]:2013 Voltage fluctuations and flicker ≤ 16 Amps per phase

WEEE: Electronic Equipment Assembly, Consult sales office or factory for information on proper recycling methods. Case plastics are Polycarbonate. Connectors Nylon.

Environmental: **EN IEC 63000[2]: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.

Notes:
1) Cycle time may need to be extended up to 175 seconds to meet flicker requirements depending on load current and switching method and source impedance. This applies to 5A, and 15A Relay outputs and 10A SSR output options.
2) RoHS compliance of some components used within product is via the following exemptions
   6 c) Copper alloy containing up to 4 % lead by weight (terminals)
   7 a) Lead in high melting point solders internal to components (Triac and Microprocessor)
   7 c) -i Lead in glass in ceramic internal to components (resistors)

European Authorized Representative:
Mr. Martin Wallinger
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5431, Kuehl, Austria

Implementation Date: January 27th, 2023

Place of Issue: Winona, MN USA

Company Authorized Representative: Jeff Harrington

Director of Operations
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