

UKCA DECLARATION OF CONFORMITY



RAYLEIGH INSTRUMENTS LIMITED

Raytel House, Cutlers Road, South Woodham Ferrers, Chelmsford, Essex CM3 5WA. UK

Hereby declares under its sole responsibility the products described below:

Product Family	THREE PHASE ENERGY METER
DIN Rail Mounted	RI-D240 / RI-D250 / RI-D440 / RI-D460 / RI-D461 / RI-D480 (all variants)
Panel Mounted	RI-F200 / RI-F220 / RI-F400 / RI-F421 / RI-F500 / RI-F550 (all variants)

complies with the provisions of the following UK Regulations:

SI 2016/1101 Electrical Equipment (Safety) Regulations 2016 (as amended)
SI 2016/1091 Electromagnetic Compatibility (EMC) Regulations 2016 (as amended)
SI 2012/3032 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended)

based on compliance with the following British Standards:

BS EN 61010-1:2010+A1:2019 - Safety requirements for electrical equipment for measurement, control, and laboratory use. General requirements
BS EN IEC 61326-1:2021 - Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements
BS EN 55011:2016+A2:2021 Class A - Industrial, scientific and medical equipment. Radio-frequency disturbance characteristics. Limits and methods of measurement
BS EN IEC 61000-4-2, -3, -4, -5, -6, -8, -11 - Electromagnetic compatibility (EMC)
BS EN 63000:2018 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
BS EN IEC 62053-21:2021 - Electricity metering equipment. Particular requirements. Static meters for AC active energy (Class 1)
BS EN IEC 62053-23:2021 - Electricity metering equipment. Particular requirements. Static meters for reactive energy (Class 2)

Particulars:

- The product is traceable by its serial number applied on the product's casing
- UKCA marking is applied to the product's casing and packaging
- Conformance of installation is realized only when conducted by a competent installer

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Chi Cheung - Technical Manager
On behalf of Rayleigh Instruments

