Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

10794
Accredited to
ISO/IEC 17025:2017

PiDelta Test Services
A division of PD Devices Limited

Issue No: 005 **Issue date:** 30 August 2022

Unit 1 - 2 Old Station Yard
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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Earthing rods	Coating thickness test	BS EN IEC 62561-2:2018. Clauses 5.2.2.1 and 5.2.2.2
	Resistivity test	BS EN IEC 62561-2:2018. Clauses 5.2.5.1 and 5.2.5.2
Surge Protection Device (SPDs): Class I (various designs); Metal oxide varistor discs	Test to Verify Long Term Stability Under Continuous Operating Voltage	Internal method based on Clause 8.4 of BS EN 60099-4:2014, *Metal-Oxide Surge Arresters without Gaps for AC Systems*
	Class I Operating Duty test	Internal method based on BS EN 61643-11:2012+A11:2018 Clause 8.3.4.3
	Class I Additional Duty test	Internal method based on BS EN 61643-11:2012+A11:2018 Clause 8.3.3.4
	High current test (4/10 μs)	Internal method based on Clause 8.7 of BS EN 60099-4:2014, *Metal-Oxide Surge Arresters without Gaps for AC Systems*
	Charge Transfer (Rectangular Wave)	Internal method based on Clause 8.5 of BS EN 60099-4:2014, *Metal-Oxide Surge Arresters without Gaps for AC Systems*
	Reference voltage measurement. *100 V to 3.3 kV* *1 mA to 10 mA*	By application of known DC currents and measurement of the resulting voltages
	Energy withstand test *Peak current 1000 A*	Applied rectangular pulses over the range 2 ms to 3 ms

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	Salt Mist	BS EN IEC 62561-2:2018 clauses 5.2.4 and Annex A.2 BS EN IEC 60068-2-52:2018
Components used in Lightning	Contact resistance: Measurement of resistance across contact clamps.	BS EN 62561-1:2017 clause 6.4.a
Protection Systems	Loosening torque test, to 20 Nm	BS EN 62561-1:2017 clause 6.4.c
	Humid Sulphurous Atmosphere	EN ISO 6988:1994
Earthing Enhancing Compounds	Determination of Resistivity	BS EN IEC 62561-7:2018 clause 5.4
Connection Components	Static Mechanical Test	BS EN 62561-1:2017 clause 6.5.2
END		