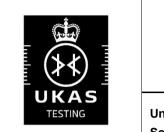
# **Schedule of Accreditation**

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: 008

**No:** 008 **Issue date:** 24 July 2024

Unit 1 - 2 Old Station Yard South Brent Devon TQ10 9AL

Contact: David Flower Tel: +44 (0)1364 649248 E-Mail: info@pddevices.co.uk Website: www.pddevices.co.uk

## 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
		NOTE: Resistance and resistivity may be measured on similar samples but with varying lengths up to 1.2 m and with a maximum resistance of 1 $\Omega$
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, <i>Metal-Oxide Surge Arresters</i> <i>without Gaps for AC Systems</i>
	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, <i>Metal-Oxide Surge Arresters</i> <i>without Gaps for AC Systems</i>
	Charge Transfer (Rectangular Wave)	Internal method based on Clause 8.5 of BS EN 60099-4:2014, <i>Metal-Oxide Surge Arresters</i> <i>without Gaps for AC Systems</i>



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United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

## PiDelta Test Services A division of PD Devices Limited

Accredited to ISO/IEC 17025:2017 Issue No: 008 Issue date: 24 July 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
Surge Protection Device (SPDs): Class I (various designs); Metal oxide varistor discs (continued)	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	
	Salt Mist – Cyclic Test Chamber Size 150 litres Max Temperature: + 40 °C Max Humidty: 98 % rh	BS EN IEC 62561-2:2018 clauses 5.2.4 and Annex A.2 (Methods 1 and 2 Only) BS EN IEC 60068-2-52:2018	
	Salt Mist Test Chamber Size 150 litres	BS EN IEC 60068-2-11:2021	
	Test Chamber Size 150 litres	ISO 9227:2017(Withdrawn)	
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	BS EN ISO 6988:1994	
Lightning protection system components (LPSC) - Earth Electrode Inspection Housings	Load Test Light, Medium and Heavy Duty	BS EN 62561-5:2017 clause 6.2.2	
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			