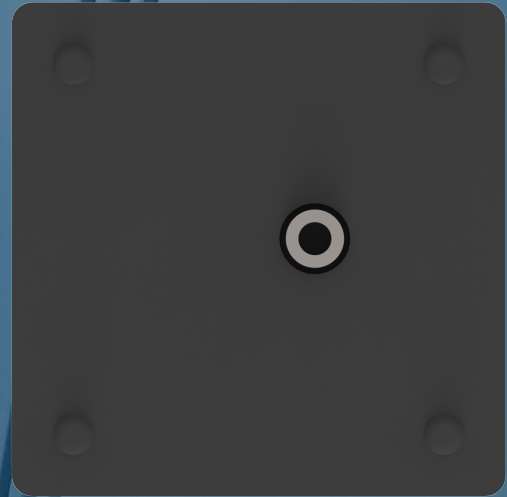


The PDS

Partial Discharge Sensor Port



Partial Discharge Sensor (PDS) Ports are used in conjunction with a handheld Ultrasound measurement device to allow the end user to take closed panel Ultrasound decibel readings and listen to the audible signals coming from a piece of equipment. In this way, problems like Arcing, Tracking and Corona can be detected without the need for maintenance personnel to wear PPE. The PDS is a small square plate with no cover with IP10 (NEMA1) rating for indoor applications and has a 3.5mm female adapter for connection to a handheld ultrasound. Note that a special adapter cable may be required depending on the brand and model of handheld being used. Adapter cables for SONUS-XT and SONUS-PD are available from IRISS.

Embedded 40KHz Airborne Ultrasonic Transducer

Quickly and Safely perform closed panel airborne Ultrasound inspections of electrical equipment including Switchgear, Switchboards, Panelboards, Transformers, Motor Control Centers and Process Equipment Panels. Through the PDS has an embedded 40KHz Airborne Ultrasonic Ceramic Transducer with 3.5mm jack socket. It is compatible with IRISS PD and TEV testing devices such as the Sonus XT and Sonus PD to detect early warning signs such as Arcing, Tracking and Corona.

Features



Durable and Rugged



Unconditional Lifetime Warranty



Proudly Made in the United States



Specifications

Model	PDS
General Specifications	
NEMA Environment Type	IP10 / NEMA 1
Voltage Range	Any
Operating Temperature	-40°C (-40°F) to 273°C (523°F)
Body and Cover Material	Powder Coated 5052 Aluminum
Hardware	316 Stainless Steel
Gaskets	UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)
Dimension Specifications	
Overall Dimensions	L= 7.62 cm (3 in), H= 7.62 cm (3 in)
Inspection Capabilities and Applications	
Ultrasound	Yes
Medium/High Voltage Applications	Yes
Other	
Warranty	Unconditional Lifetime Warranty

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