Versatile Port for Ultrasound Inspections



Round Indoor/Outdoor PD Port

Increased Accuracy

Quickly and safely perform closed-panel airborne ultrasound inspections of equipment, including switchgear and transformers.

Environmental Protection

This series is constructed of switchgear-grade nylon plastic with an aluminum cover, stainless steel mounting screws, and seamless custom gaskets.

Improve your vision

This series of inspection windows is UL Listed (E491496), adding safety and security for inspection technicians and maintenance personnel.

Inspect Faster. Safer. Smarter.

A standard approach to data collection is essential to establishing a repeatable condition-based monitoring program that provides asset reliability. The Round Indoor/Outdoor PD Port standardizes the location and method for accessing consistent and quality acoustic data, regardless of the technician's experience or enclosure rating. Technicians can identify potential hazards and faults such as arcing, tracking, and corona in electrical distribution systems and switchgear. The safety-first design of the port's grill prevents objects from being pushed into the panel and safely allows technicians to collect data on energized equipment in accordance with NFPA 70E.





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ROUND INDOOR OUTDOOR PD PORT DIMENSIONS

Overall Diameter	2.6 in
Overall Thickness	1.0 in
Opening Dimension	0.5 in

GENERAL SPECIFICATIONS

IP / NEMA Environment Rating	IP65 / NEMA 4
Operating Temperature	-40°C (-40°F) to 273°C (523°F)
Body Material	UL 94 5VA Nylon (switchgear-grade plastic); -40°C (-40°F) to 273°C (523°F); aluminum cover
Backplate Grill Material	UL 94 5VA Nylon (switchgear-grade plastic) Grill (IP22/ IP2x Standard)
Gasket Material	UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)
Hardware Material	316 Stainless Steel
Voltage Range	Any
Automatically Grounded	Yes

INSPECTION CAPABILITIES AND APPLICATIONS

Ultrasound; Medium/High Voltage Applications

CERTIFICATIONS

UL Listed (E491496)
UL (USA) and cUL (Canada) to the following standards: 50V, 50E, 756C: Impact and Flammability, 746C & 746A-2012, 1558: Impact and Load Resistance, 508A: ANSI 508A
CSA C22.2 No. 14-13, C22.2 No. 14-10, C22.2 No. 94-M91, C22.2 No. 94.1-07, C22.2 No. 94.2-07
Lloyds of London Type Approval
American Bureau of Shipping (ABS)
DNV (Det Norske Veritas) P261.1E Maritime, Vessel and Offshore Applications
IEEE C37 20.7 Type 2B, C37 20.2.a.3.6: Impact and Load
IEC 62271-200, 60262271-200, 60298 Appendix A, 60068-2-6:2007, 60068-2-3, 60068-2-78:2012

WARRANTY

Unconditional Lifetime Warranty

CAUTION IMPORTANT NOTE

The above dimensions are not installation measurements. Do NOT cut equipment prior to receiving your IR window and installation template. Specifications are subject to change without notice.

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