VP-12-US

Versatile Port For Ultrasound Inspections

A standard and systematic approach to data collection is essential to establishing a repeatable and reproducible condition based monitoring program.

VP-12-US standardizes location and method for accessing consistent and quality acoustic data regardless of ultrasound technician experience or enclosure rating. Easily identify potentially hazardous faults such as arcing, tracking and corona in electrical distribution systems and switchgear.

Ventilated switchgear ports standardize the measurement point. NEMA rated enclosures require only access through the port where technicians can safely collect data on energized equipment in accordance with NFPA 70E safety mandates. The grill allows ultrasound but prevents objects being pushed through the hole into the panel.

Note: As when opening any port or grill, proper PPE should be identified and worn, since opening the cover removes the barrier between energized conductors and personnel outside the enclosure.

Protected by our unconditional lifetime warranty

VP-12-US Feature:

- 1.2 cm (0.5 in) port opening complies with IP2x standard for safe maximum hole size in switchgear to prevent accidental insertion of body parts
- Lockable cover maintains IP65/NEMA 4 seal when closed
- Manufactured from non-conductive UL 94 plastics insulated to 30kV/mm
- Impact and flame resistant as per UL and IEEE standards
- Optional Easy-Grip™ stainless steel cover
- Fitting instructions and templates included

Certifications:

- Certified by UL (USA) & cUL (Canada) to the following standards:
  - 50V
  - 50E
  - 746C: Impact and Flammability
  - 1558: Impact and Load Resistance
  - 508A; ANSI 508A
- IEEE C37 20.2.a.3.6: Impact and Load
- IP65 / NEMA 4
- Lloyds of London Type Approval
- American Bureau of Shipping (ABS)
- BSI Quality ISO 9001 Certified System
- CSA C22.2 No. 14-13
- DNV (Det Norske Veritas) P261.1E Maritime, Vessel and Offshore Applications

Specifications

Materials	
Port Housing, Grill and Cover	UL 94 5VA Nylon (switchgear-grade plastic); -40°C (-40°F) to 273°C (523°F); Easy-Grip™ stainless steel cover
Gaskets	UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)
Hardware	316 stainless steel

Other	
Useful Temperature Rating	-40°C (-40°F) to 200°C (392°F)
Water and Dust Ingress	IP65 / NEMA 4: when closed

Dimensions

Model	Body Diameter	Port Diameter	Assembly Thickness
VP-12-US	6.5 cm (2.6 in)	1.2 cm (0.5 in)	2.6 cm (1.0 in)

Caution: The dimensions listed above are not installation dimensions. Do NOT cut prior to receiving your IRISS window and installation template.

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