XV Series Visual Inspection Windows

Safer Visual Inspections

Opening energized electrical equipment is forbidden, with few exceptions, by electrical safety standards like NFPA 70E and CSA Z462. When open-panel work is permitted, workers must utilize restrictive work practices and PPE.

Exiscan™ XV series inspection windows are an easy way to enable closed-panel visual access in compliance with the standards. The resulting work process is far safer, more efficient and de-risked.

Use Exiscan™ Visual Inspection Windows to allow operators, electricians and engineers the ability to:

- ❏ Inspect for indications of equipment conditions
- ❏ View critical meters or indicators
- ❏ Take digital images of components for work orders
- ❏ Verify full disengagement of blades when deenergizing

Get MORE with Exiscan

❏ **More Structural Integrity:**

- Lexan® viewing pane compatible with IEEE mandates for medium and high voltage applications.
- Frame machined from bar stock aluminum (stainless steel available).
- Solid aluminum frame is anodized and powder coated (or made of stainless steel) to withstand harsh environments.

❏ **More Viewing Area:**

- Rectangular shape yields *more viewing area* compared to round inspection windows.
- Design allows users to easily hold flash light in window while looking through viewing pane.

❏ **More Value:**

- Contact your local Distributor for a demonstration, and see why Exiscan™ is the best value on the market today.

Establishing an Electrically Safe Work Condition

One of the steps to "achieving an electrically safe work condition," per NFPA 70E-2012 Article 120.1(3), states: "whenever possible, visually verify that all blades of the disconnecting devices are fully open…" A similar clause appears in the Canadian CSA Z462 standard. The Exiscan™ XV Inspection Windows provide visibility to workers to perform such a check prior to opening equipment.

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XV Series Visual Inspection Windows

	XV-A-2-6-X
Dimension Specifications (nom.)	
Frame (L x H)	6.0 in x 2.0 in (152 mm) x (51 mm)
Total Width	0.5 in (13` mm)
Aperture Dimension	5.5 in x 1.6 in (140 mm) x (51 mm)
Lens Thickness	0.25 in (6 mm)
Standards	
NEMA 4X	Yes
ANSI/IEEE C37.20.2 Sec A.3.6 (Switchgear Window Impact Resistance)	Yes
Material Specifications	
Frame Material	Aluminum: Anodized & Powder Coated
Backer Plate & Finger Guard	Stainless Steel
Hardware & Fasteners	Stainless Steel
Optic	¼" Lexan®
Gaskets	Neoprene
General	
Voltage Range	Low, Medium & High
Grounding	Automatically grounds when mounted to grounded panel/door
Operating Temperature	-40°C (-40°F) to 100°C (212°F)
Installation	Saw-Cut or Punch
Lifetime Warranty	Unconditional for Materials & Workmanship
Country of Origin	**Proudly Made in the USA**

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