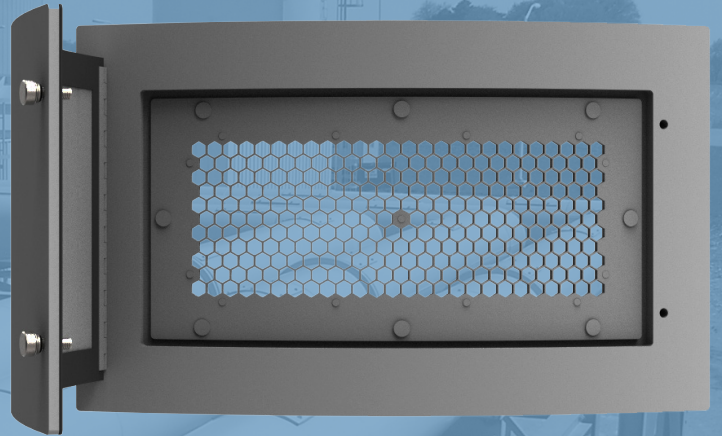


CAP-F Series

Custom Isophase Bus Bar System IR Window



Improve Your Vision

Unlike the round infrared windows the large format IRISS CAP series and custom infrared windows have a far superior field of view.

UL Listed

Large format replacement panels like the CAP-F Series are now UL Listed replacement components (UL File E 491496).

Bend to Your Needs

Polymer based IR windows are far more able to resist the mechanical stresses applied to IR window that are fitted to electrical distribution equipment.

The FlexIR CAP-F Series for isophase bus systems is a large-format combination infrared, visual, and ultraviolet inspection window specifically designed for the power generation and large power user market. The bolted window design also acts as an access port for repairs, as it can be easily removed to allow the technician access to repair the fault. Once refitted, the isophase system can be re-energized and the repaired joint can be inspected to confirm that the repair was effective.



Specifications

Part Number	CAP-F-18-W	CAP-F-18-B
General Specifications		
Overall Height	21.8 cm (11.7 in)	21.8 cm (11.7 in)
Overall Width	61 cm (20.3 in)	61 cm (20.3 in)
Repad Radius	Customizable	
IP/ NEMA Environment Rating	IP67 / NEMA 6	
Operating Temperature	-40°C (-40°F) to 273°C (523°F)	
Body Material	Powder Coated Stainless Steel	
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	
Optic Specifications		
Viewing Aperture Height	15 cm (5.9 in)	15 cm (5.9 in)
Viewing Aperture Width	39 cm (15.4 in)	39 cm (15.4 in)
Optic Material	Poly-View™ UL 746 compliant, visual, UV and IR transmissive polymer; -40°C (-40°F) to 325°C (617°F)	
Optic Reinforcing Grill Material	Stainless Steel Reinforcing Grill (IP22/ IP2x Standard)	
Inspection Capabilities and Applications		
Midwave IR and Longwave IR; Ultraviolet (UV); Visual Inspection; Medium/High Voltage Applications		
Certifications		
Certified by UL (USA) & 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		
IP67 / NEMA 6		
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		
Other		
Warranty	Unconditional Lifetime Warranty	

*Caution: These dimensions are not installation dimensions. Do NOT cut prior to receiving your IRISS IR window and installation template. Specifications are subject to change without notice. For the most up-to-date specs, go to www.iriss.com

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