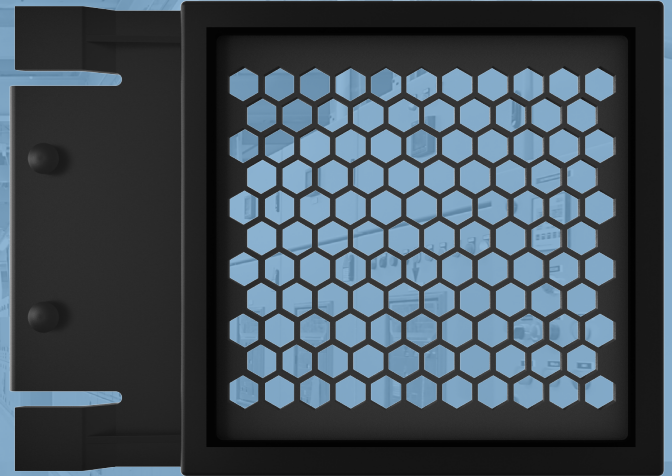# QwikFit-IR

It's Time Your Infrared Window Fitted Your Needs and Applications

Unparalleled Field of View

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

Durable and Rugged

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

Stress-Free Viewing

The polymer based infrared window maintains fixed and stable transmission (FAST) for life as the polymer is unaffected by environmental and mechanical stresses commonly seen with crystal based infrared windows.

The QwikFit-IR is a unique solution for panel board applications where small-frame breakers' load-side connections would not be visible for infrared inspection, even if a custom deadfront replacement panel had been installed. The QwikFit-IR replaces the small frame breaker's standard blanking plate, providing unparalleled inspection access. QwikFit-IR snaps in place and are available for Square D™ I-Line combo and distribution panel boards.

Specifications

Part Number	QFIR-4.5
General Specifications	
Overall Height	9.77 cm (3.85 in)
Overall Width	9.68 cm (3.81 in)
IP/ NEMA Environment Rating	IP10 / NEMA 1
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)
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	9.77 cm (3.85 in)
Viewing Aperture Width	9.68 cm (3.81 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	Aluminum 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	
IP10 / NEMA 1	
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