Fluke 075 CLKT IR Window for Outdoor and Indoor Applications

Key features

Fluke CLKT Infrared Windows are Available in Three Sizes 50 mm (2 in), 75 mm (3 in) and 100 mm (4 in)

Each CLKT infrared window is engineered and tested to withstand electric-arcs up to 50 kA for 30 cycles.

The ClirVu® coating - exclusive to Fluke infrared windows - seals the optic prior to assembly to protect against moisture degradation making it perfect for very hot and very cold outdoor environments.

Each Fluke infrared window is delivered with an identification plate attached for unique, on-site numbering for rapid location confirmation and faster repairs.

CLKT infrared windows come complete with a security access key, installation instructions and self-adhesive drilling template.

For 5 minute or less installation and Autoground consider the CV300.

Product overview: Fluke 075 CLKT IR Window for Outdoor and Indoor Applications

Save Time and Conduct More Efficient Electrical Infrared Inspections

Once you've installed a Fluke infrared window there is no more need to power down or remove panel doors – you may never have to open the panel door again. Inspections are now conducted quickly, easily and safer than they were before.

Your greatest investment is not what's behind the panel door; your priority is to offer the ultimate protection for the electricians, engineers and inspectors who risk their lives every day doing their jobs.

Specifications: Fluke 075 CLKT IR Window for Outdoor and Indoor Applications

Optic Data Specifications	
Crystal insert diameter	75 mm (2.96 in)
Viewing aperture diameter	68 mm (2.7 in)
Viewing aperture area	3632 mm^2 (5.63 in^2)
Thickness	2 mm (0.08 in)
ClirVu coating	Yes
Shortwave IR capable	Yes
Midwave IR capable	Yes
Longwave IR capable	Yes
Ultraviolet (UV) capable	Yes
Visual capable	Yes
Fusion capable	Yes

Underwriters Laboratories (UL) recognized	Yes	
UL50 environmental	Type 3/12	
UL746C	N/A (Polymer Free)	
UL94	N/A (Polymer Free)	
Canadian Standards Association (CSA) approval	Yes	
Environmental	Type 3/12	
KEMA (Arc-Testing)		
ANSI C37.20.7	50 kA for 30 cycles @ 60 Hz	
EEMACS 14-1 Type-B	40 kA for 30 cycles @ 60 Hz	
ASTA (Arc-Testing)		
IEC 62271	20 kA for 5 cycles @ 50 Hz	
TUV		
Cyclic humidity withstand	Yes	
Vibration withstand	Yes	
NEMKO		
Resistance of insulating materials to 100°	Yes	
Resistance of insulating material to ball pressure (Brinell)	Yes	
Glow-wire test 650°C	Yes	
Lloyds Register		
Up to 11 kV marine switchgear, indoor or outdoor	Yes	
General Specifications		
Maximum temperature	Gaskets	250°C (482°F)
	Body	659°C (1219°F)
	Optic	1400°C (2552°F)
Gaskets	Low smoke and fume (LSF) compliant silicone	
IP rating	IP65	
NEMA rating	Type 3/12 (UL and CSA Third Party Certified)	
Vibration rating	IEC60068-2-6	
Humidity rating	IEC60068-2-3	
Pull-out strength	Up to 630 kg (1388 lb)	

Warranty	Lifetime replacement against manufacturing defects

Models: Fluke 075 CLKT IR Window for Outdoor and Indoor Applications

Fluke 075-CLKT

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Includes:

- 3 In. (75mm) C-Range IR Window
- Kwik Twist

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