

## TECHNICAL DATA

## 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 <sup>2</sup> (5.63 in <sup>2</sup> ) |
| 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                                          |
| 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                                               |                 |
| 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 |                 |

## Ordering information



### Fluke 075-CLKT

Fluke 075 CLKT IR Window for Outdoor and Indoor Applications

Includes:

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

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