

CLKTO C-Range Infrared Window for indoor applications

Technical Data

Increase the safety and speed of electrical thermography

Inspect your indoor switchgear safely with the latest IR Window from Fluke. If you are concerned about arc-flash or electrocution risk, this latest C-Range IR Window can help increase the safety of your personnel and reduce the cost of predictive maintenance, in compliance with indoor switchgear codes.



- Impact resistant viewing pane compliant to ANSI C37.20.2 for indoor switchgear up to 72 kV.
- CLKTO IR Windows from Fluke use the unique Quadraband™ multispectral optic, allowing inspection with any camera for total flexibility both now and in the future.
- Certified by UL and CSA as suitable for Type 1 (Indoor) environment in North America and Canada, these C-Range windows are tested to withstand the long term aging effects of UV exposure.
- The CLIRVU® coating—exclusive to Fluke Windows—seals the optic prior to assembly to protect against moisture degradation.
- Own a Fluke Camera? The Quadraband™ optic is IR-Fusion® compatible, allowing the thermographer to see potential problems in visual light and thermographic mode.
- The CLKTO IR Window incorporates a revolutionary, impact resistant viewing pane compliant with indoor switchgear regulations C37.20.2. For the first time, your Fluke IR Window allows visual inspection of your switchgear even with the cover closed.
- Identification plate attached for unique, onsite numbering for rapid location confirmation and faster repairs.
- Each infrared window comes complete with a security access key, installation instructions and self-adhesive drilling template.

Impact resistant viewing pane

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For the first time, your Fluke IR Window allows visual inspection of your switchgear even with the cover closed.



Specifications

| 3460611 FLK-075-CLKTO | |
|---|--|
| Optic data | |
| Crystal insert diameter | 75 mm (2.96 in) |
| Viewing aperture diameter | 68 mm (2.7 in) |
| Viewing aperture area | 3632 mm ² (5.63 sq in) |
| Thickness | 2 mm (0.08 in) |
| CLIRVU coating | Yes |
| Shortwave IR, Midwave IR, Longwave IR, Ultraviolet (UV) capable | Yes |
| Visual and fusion capable | Yes |
| Maximum temperature | Gaskets: 250 °C (482 °F) Body: 659 °C (1219 °F) Optic: 1400 °C (2552 °F) |
| Viewing pane | 150 °C (302 °F) |
| Gaskets | Low smoke and fume (LSF) compliant silicone |
| Pull-out strength | Up to 630 kg (1388 lb) |
| Warranty | Lifetime replacement against manufacturing defects |

Certifications

| | |
|--|-----------------------------------|
| Underwriters Laboratories (UL) recognized | Yes |
| UL50 environmental | Type 1 |
| UL746C | Yes |
| UL94 | Yes - VO |
| Canadian Standards Association (CSA) approval | Yes |
| Environmental | Type 1 |
| TUV | |
| Cyclic humidity and vibration withstand | Yes |
| IP rating | IP65 |
| NEMA rating | Type 1 (UL third party certified) |
| Vibration rating | IEC60068-2-6 |
| Humidity rating | IEC60068-2-3 |

Ordering information

3460611 FLK-075-CLKTO 75 mm (3 in)

Kwik-twist aluminium cover KT

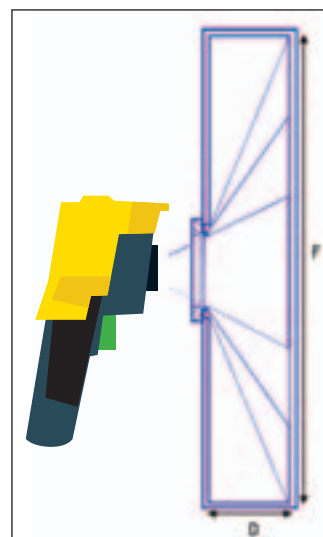
Included with product

IR Windows are supplied complete, assembled and ready for installation. In addition to the IR Window each carton contains an installation CD, self-adhesive drilling template, security access key, warranty statement.

Why is CLKTO different?

The CLKTO IR window from Fluke incorporates a unique twist-off magnetic cover which is impact resistant to ANSI requirements.

When infrared or ultraviolet imaging is being performed the visual viewing pane is removed and retained magnetically to the panel cover. Before and after imaging, visual inspection of the switchgear and imaging pane can be undertaken without exposing the operator to live electrical equipment.



Basic Field of View (FOV) calculation, $F = 6 \times D$

Fluke. Not just infrared.
Infrared you can use.™

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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