# ICS FR-GK450 Fire Rated Mortice Electric Release 12/24VDC FL/FU Reversible

ICS · ICS · 2 variants

PRICING

**From £140.72 ex VAT**

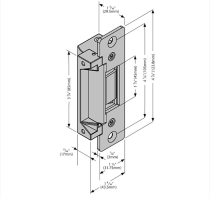
£168.86 inc VAT

2 variants available
VAT 20.00%
Range: £140.72 - £169.88 ex VAT

## Product Imagery












## Specification Summary

| | |
|---|---|
| **Brand** | ICS |
| **Product type** | ICS |

## Product Description

The ICS FR-GK450 range of fire-rated mortice electric releases offers a highly secure, versatile, and reliable solution for commercial and residential access control systems. Designed to suit aluminium, steel, and timber frames, these electric strikes are fully non-handed and site-reversible, allowing easy conversion between fail-safe (fail unlocked) and fail-secure (fail locked) operation during installation.

These robust releases are UK-tested and fire-rated to FD30 and FD60 standards in accordance with BS EN 1634-1, and they come complete with an intumescent strip for enhanced fire safety. Boasting an impressive holding force of 680kg (1500lbs) and a durable brushed stainless steel finish, they are built to withstand demanding environments.

This range is available with or without monitoring, featuring different manufacturer references and barcodes. Please select your preferred options from the choices below.

## Technical Specifications

- **Brand:** ICS
- **Input Voltage:** 12/24V DC
- **Current Consumption:** 250mA @ 12VDC / 150mA @ 24VDC
- **Holding Force:** 680kg (1500lbs)
- **Operation:** Fail Locked / Fail Unlocked (Site Reversible)
- **Fire Tested:** To BS EN 1634-1 (FD30 & FD60)
- **Fitting:** Mortice
- **Finish:** Stainless Steel
- **Body Dimensions:** 85mm (H) x 44mm (W) x 29.5mm (D)
- **Faceplate Dimensions:** 123.8mm (H) x 31.75mm (W)
- **Screw Centres:** 105mm
- **Weight:** 500g
- **Monitoring:** Yes or No options available (please choose from the options below)
- **Manufacturer Reference:** FR-GK450-ST or FR-GK450M-ST (please choose from the options below)
- **Barcode:** 5056240129426 or 5056240129433 (please choose from the options below)

## Key Features

- **Fire Rated:** UK tested to FD30 and FD60 standards with an included intumescent strip for compliance and safety.
- **Site Reversible:** Easily switch between fail-safe (fail unlocked) and fail-secure (fail locked) operation on-site.
- **Non-Handed:** Fully reversible design suitable for both left and right-handed doors.
- **High Holding Force:** Provides a robust holding force of up to 680kg (1500lbs).
- **Dual Voltage:** Operates on both 12V DC and 24V DC systems for versatile installation.
- **Monitoring Options:** Choose between monitored and non-monitored versions to suit your access control requirements.

## Variant Specifications And Pricing

| Image | Part Number | Ex VAT | Inc VAT | Attributes / Specs |
|---|---|---|---|---|
|  | L33148 | £140.72 | £168.86 | **Barcode:** 5056240129426<br>**Body Depth:** 29.5mm<br>**Body Height:** 85mm<br>**Brand:** ICS<br>**Current Consumption:** 250mA @12VDC / 150mA @ 24VDC<br>**Faceplate Height:** 123.8mm<br>**Faceplate Width:** 31.75mm<br>**Finish:** Stainless Steel<br>**Fire Tested:** To EN1634<br>**Fitting:** Mortice<br>**Holding Force:** 680Kg / 1500Lbs<br>**Input Voltage:** 12/24V DC<br>**Manufacturer Reference:** FR-GK450-ST<br>**Monitored:** No<br>**Operation:** Fail Locked / Fail Unlocked - Site Reversible<br>**Pack Quantity:** 1<br>**Screw Centres:** 105mm<br>**Standards:** BS EN 1634-1<br>**Weight:** 500g<br>**Width:** 44mm |
|  | L33149 | £169.88 | £203.86 | **Barcode:** 5056240129433<br>**Body Depth:** 29.5mm<br>**Body Height:** 85mm<br>**Brand:** ICS<br>**Current Consumption:** 250mA @12VDC / 150mA @ 24VDC<br>**Faceplate Height:** 123.8mm<br>**Faceplate Width:** 31.75mm<br>**Finish:** Stainless Steel<br>**Fire Tested:** To EN1634<br>**Fitting:** Mortice<br>**Holding Force:** 680Kg / 1500Lbs<br>**Input Voltage:** 12/24V DC<br>**Manufacturer Reference:** FR-GK450M-ST<br>**Monitored:** Yes<br>**Operation:** Fail Locked / Fail Unlocked - Site Reversible<br>**Pack Quantity:** 1<br>**Screw Centres:** 105mm<br>**Weight:** 500g<br>**Width:** 44mm |

## Brand Profile

ICS




**ICS Security (ICS Security Solutions Ltd)** is a UK access-control hardware brand and supplier focused on the “nuts and bolts” of electronic door control: **maglocks, electric locks/bolts, strikes, lock releases, and packaged locking kits** designed to make access-control installs cleaner and more reliable. They describe themselves as an access-control specialist founded in **2003**, with **20+ years** in the sector.

They operate from **Blisworth, Northamptonshire** (Units 1–2, JBJ Business Park, Northampton Road, NN7 3DW), supporting trade customers with a range that covers the common building blocks of access control systems.

Product-wise, ICS’s catalogue is very “installer reality”:

- **Magnetic locks** in multiple formats (standard, slimline/transom, stainless, monitored, with door status options), typically running **12–24V DC selectable** and specced by holding force (e.g., 600–1200 lbs and up).
- **Electric locks / bolts and locking kits**, including “compliant lock packages” that bundle the parts needed for controlled entry with free egress, calling out standards like **EN179 / EN1125** in their kit descriptions.
- A broader access-control “system parts” approach: they position the range as covering “all parts of access control systems,” aiming to let installers choose a complete solution from one source.