ICS U-Series 12/24VDC Standard Surface Magnet

ICS · ICS · 2 variants

PRICING

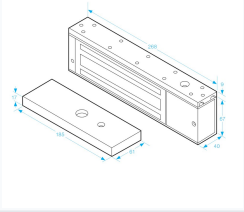
From £58.90 ex VAT

£70.68 inc VAT

2 variants available
VAT 20.00%
Range: £58.90 - £64.78 ex VAT

Product Imagery





Specification Summary

Brand	ICS
Product type	ICS

Product Description

The ICS U-Series 12/24VDC Standard Surface Magnet is a reliable, high-performance electromagnetic lock designed for secure access control. Housed in durable satin anodised aluminium, this single surface-mounted magnet is ideal for timber or metal doors, providing a robust holding force of up to 544kg (1200lbs).

Operating on a selectable 12V or 24V DC input, the magnet features a fail-safe operation, meaning it unlocks automatically in the event of a power failure to ensure safe egress. It is designed to perform reliably in a wide range of environments, with an operating temperature range of -10°C to 55°C and a non-condensing humidity tolerance of up to 95%.

This standard surface magnet is available in both monitored and non-monitored versions to suit your specific security and system integration requirements. The monitored version (U10020) features a built-in sensor to remotely monitor the door's lock status, while the unmonitored version (U10010) offers standard fail-safe locking. Please choose your preferred monitoring option and manufacturer reference from the options below.

Technical Specifications

- **Input Voltage:** 12/24V DC (Selectable)
- **Holding Force:** Up to 544kg (1200lbs)
- **Current Consumption:** 480mA at 12Vdc / 240mA at 24Vdc (at 20°C)
- **Operating Temperature:** -10°C to 55°C (14°F to 131°F)
- **Humidity Range:** 0 to 95% non-condensing
- **Finish:** Satin Anodised Aluminium
- **Operation:** Fail Safe (unlocked when power is lost)
- **Armature Dimensions:** 185mm (Length) x 61mm (Height) x 17mm (Depth)
- **Magnet Dimensions:** 268mm (Width) x 40mm (Height) x 40mm (Depth)
- **Weight:** 4.8kg
- **Monitoring Options:** Available as Monitored (U10020) or Non-Monitored (U10010)

Key Features

- **High Security Holding Force:** Provides up to 544kg (1200lbs) of resistance to keep doors securely locked.
- **Fail-Safe Operation:** Automatically unlocks when power is cut, ensuring safe emergency exit.
- **Selectable Voltage:** Dual-voltage capability (12V or 24V DC) for versatile installation.
- **Monitoring Options Available:** Choose between monitored and non-monitored variants to match your access control system.
- **Durable Construction:** Features a robust aluminium housing and electro-less nickel-plated armature for long-lasting performance.
- **Weather Resistant:** Operates reliably in temperatures ranging from -10°C to 55°C.

Variant Specifications And Pricing

Image	Part Number	Ex VAT	Inc VAT	Attributes / Specs
	L32521	£58.90	£70.68	**Armature Depth:** 17mm **Armature Height:** 61mm **Armature Length:** 185mm **Barcode:** 5056240125220 **Brand:** ICS **Current Consumption:** 480mA at 12Vdc, 240 mA at 24Vdc (at temperature 20 degrees celcius) **Depth:** 40mm **Finish:** Satin Anodised Aluminium **Height:** 40mm **Holding Force:** 272Kg / 600Lbs Per Door **Input Voltage:** 12/24V DC **Manufacturer Reference:** U10010 **Monitored:** No **Notes:** Non Monitored **Operation:** Fail Safe - Unlocked **Pack Quantity:** 1 **Weight:** 4.8Kg **Width:** 26.8cm
	L32522	£64.78	£77.74	**Armature Depth:** 17mm **Armature Height:** 61mm **Armature Length:** 185mm **Barcode:** 5056240125237 **Brand:** ICS **Current Consumption:** 480mA at 12Vdc, 240 mA at 24Vdc (at temperature 20 degrees celcius) **Depth:** 40mm **Finish:** Satin Anodised Aluminium **Height:** 40mm **Holding Force:** 272Kg / 600Lbs Per Door **Input Voltage:** 12/24V DC **Manufacturer Reference:** U10020 **Monitored:** Yes **Notes:** Monitored **Operation:** Fail Safe - Unlocked **Pack Quantity:** 1 **Weight:** 4.8Kg **Width:** 26.8cm

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.