# ALPRO IB1 Interlock Board

Interlocking · Alpro · 1 variant

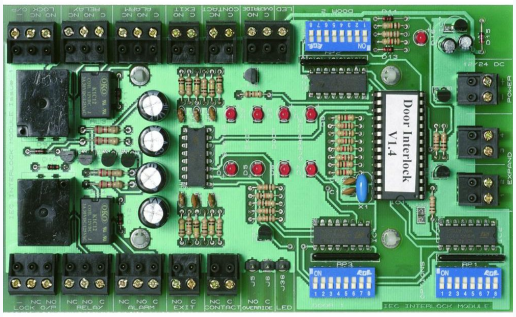
PRICING

**From £505.34 ex VAT**

£606.41 inc VAT

1 variant available
VAT 20.00%

### Product Imagery




### Specification Summary

| | |
|---|---|
| **Brand** | Alpro |
| **Product type** | Interlocking |

### Product Description

The Alpro IB1 Interlock Board is a high-performance 2-door interlock controller designed for access control systems where controlled door sequencing is essential, such as in clean rooms, airlocks, and secure lobbies. This microprocessor-controlled unit ensures that when one door is open, the other remains securely locked, preventing simultaneous opening.

Operating on a dual-voltage 12V or 24V DC input, the IB1 offers exceptional flexibility and high-load capability with a 5 Amp double-pole changeover relay per door. It features independent controls for each door, including adjustable door-open times (0 - 62 seconds) and alarm delays (0 - 45 seconds) managed via precise DIP switches.

Installation is straightforward thanks to pluggable terminal blocks and supplied nylon stick-on mountings. For larger security setups, the system is fully expandable to an infinite number of doors simply by cross-wiring additional IB1 boards together.

## Technical Specifications

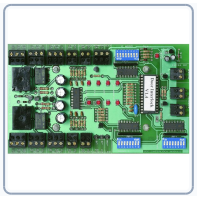
- **Brand:** Alpro
- **Manufacturer Reference:** IB1-PCB
- **Input Voltage:** 12/24V DC

- **Outputs:** 1 Output Volt-Free NO & NC Per Door
- **Rating:** 5 Amp (Double Pole)
- **Time Delay:** 0 - 62 seconds adjustable & 0 - 45 seconds adjustable
- **Width:** 101mm
- **Depth:** 30mm
- **Weight:** 350g
- **Pack Quantity:** 1

## Key Features

- **Microprocessor Controlled Logic:** Ensures reliable, true interlocking where only one door can be operated at a time.
- **Fully Expandable:** Easily scale your system to support an infinite number of doors by cross-wiring additional IB1 boards.
- **Independent Door Controls:** Separate settings for each door, including individual timers and override inputs.
- **On-Board Diagnostics:** Features 9 engineering LEDs for rapid diagnostic testing and troubleshooting.
- **Simple Installation:** Supplied with pluggable terminal blocks and nylon stick-on mountings for flexible mounting.
- **Dual Alarm Output:** Selectable door forced or door left open alarm outputs to enhance site security.

## Variant Specifications And Pricing

| Image | Part Number | Ex VAT | Inc VAT | Attributes / Specs |
|---|---|---|---|---|
|  | L13896 | £505.34 | £606.41 | **Barcode:** 5055120686752<br>**Brand:** Alpro<br>**Depth:** 30mm<br>**Input Voltage:** 12/24V DC<br>**Manufacturer Reference:** IB1-PCB<br>**Outputs:** I Output V Free NO & NC Per Door<br>**Pack Quantity:** 1<br>**Rating:** 5 Amp (Double Pole)<br>**Time Delay:** 0 - 62 sec adj. & 0 - 45 sec adj.<br>**Weight:** 350g<br>**Width:** 10.1cm |

## Brand Profile

Alpro




**Alpro (Alpro Architectural Hardware)** is a UK supplier of **architectural door hardware and access-control components**, focused heavily on the **commercial aluminium door (OEM) market** and the wider **access control** environment. It operates as a **division of IEC Limited**, an **independent, family-owned** company founded in **1938** to supply quality mechanical components.

Alpro's catalogue spans both **mechanical** and **electro-mechanical** products: contemporary **pull handles**, **lever/paddle handles**, **deadlocks/deadlatches**, **cylinders**, **transom door closers**, and hardware like **flushbolts** and **armoured strikes**, alongside access-control staples such as **electric strikes**, **deadlocking/solenoid bolts**, **shearlocks**, **cabinet locks**, and **IP-rated keypads and exit switches**.

The company also highlights **BS EN ISO 9001:2015 approval**, technical support, CAD/design capability, and a stock-led operation aimed at quick dispatch - positioning Alpro as a practical "solve the door problem" brand for installers and fabricators rather than a consumer retail name.