interlock controller

IB1

2 Door True Interlock Controller
Processor control prevents both doors opening at the same time. Firmware control of all logical functions.

Dual Voltage
12 or 24v DC

High Load Capability
5 Amp double pole change over relay (1 powered output, 1 volt free) NO, NC, C - Per Door.

Flexible Installation
Pluggable terminal blocks
Nylon stick-on mountings supplied

Dual Alarm Output
Selectable door forced or door left open alarm output
1 Amp full changeover relay output.

Dip Switch Controls
Accurate switching for simple and constant door control
0-62 seconds adjustable door open time
0-45 seconds adjustable door alarm delay

Cancels Remaining Door Open Time
On closing of active door, allowing other doors to open

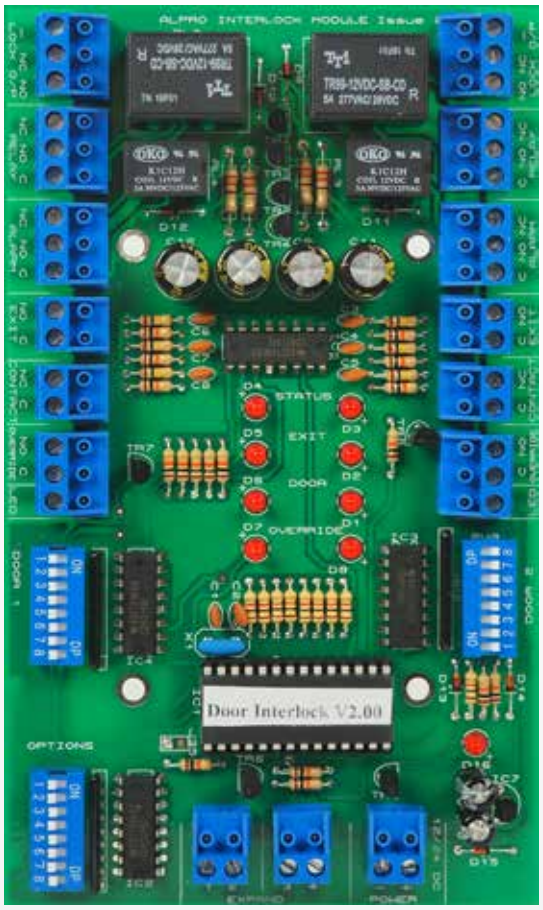
Independent Controls For Each Door
All Inputs and outputs are individual for each door including timer settings and door override inputs

Door Status LED Output
LED output allows remote signal indication to show door status

Engineering LED's
9 LED's allow simple diagnostic testing to be carried out in seconds.

Fully Expandable To Infinite Number Of Doors
Simple cross wire connection allows additional boards to be connected creating a complete interlock system of an infinite number of doors. Simply connect additional IB1 controllers as required.

Locked or Unlocked Modes
Controller will operate in both Secure 'All Doors Locked' mode or Convenience 'All Doors Open' mode to suit all applications.



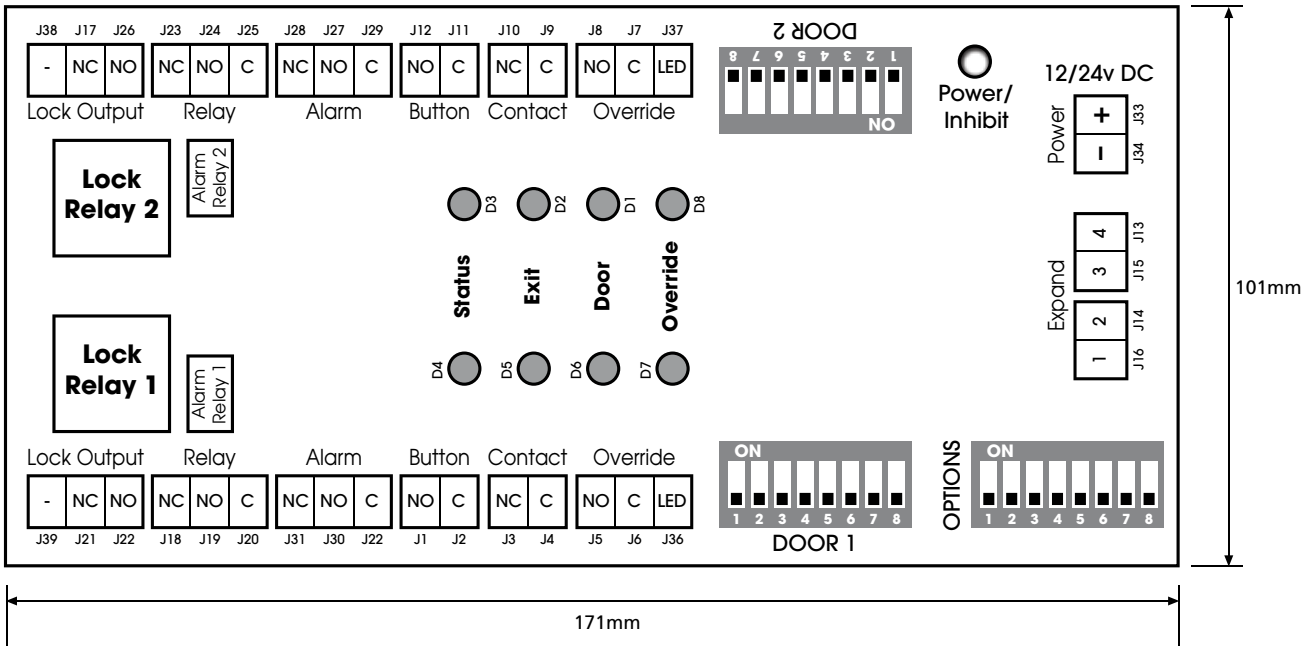
IB1 PCB only

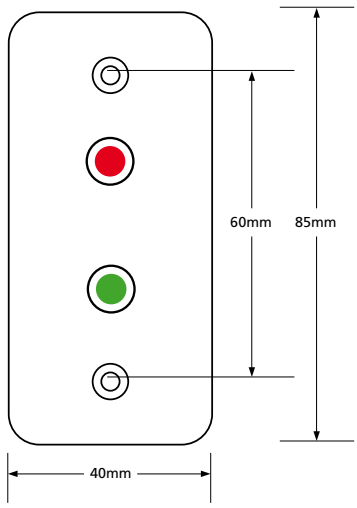
ALP0654-1NS

ALP0658-1-L-SNS

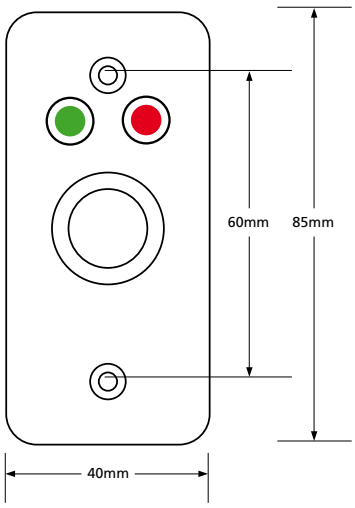
ALPIB1BUTTON/ LEDV2

DESCRIPTION	CODE
Interlock Control Board	**IEC-IB1**
Interlock Control Board Mounted in Metal 12v DC, 3 amp power supply	**IEC-IB1PSU12V3AMP**
Interlock Control Board Mounted in Metal 12v DC, 5 amp power supply	**IEC-IB1PSU12V5AMP**
Indicator Plate 12vDC - no legend	**ALP0654-1NS**
19mm Vandal Resistant SSS Button 12vDC - no legend	**ALP0658-1-L-SNS**
19mm Vandal Resistant Button & Led 12vDC – with legend	**ALPIB1BUTTON/LEDV2**

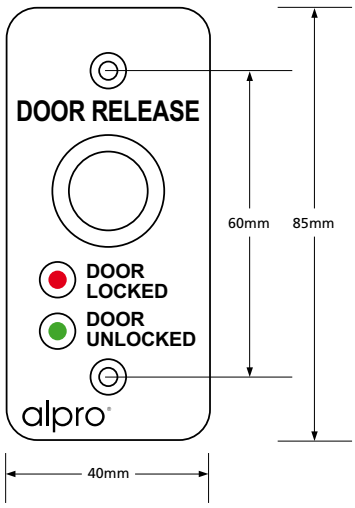




ALP0654-1NS



ALP0658-1-L-SNS



ALPIB1BUTTON/LEDV2