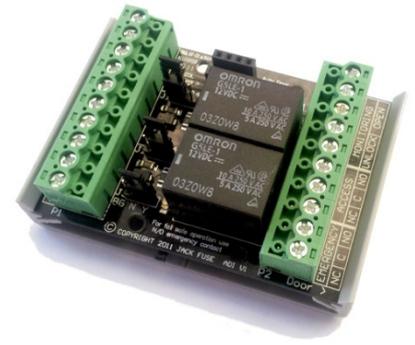




## Automatic Door Interface – ADI

### Installation Notes



Interface module for connecting automatic doors to access control and fire systems.

- 1) Mounting
- 2) Termination
  - 2.1) Access Control Signal
  - 2.2) Fire Trip/Emergency Signal
  - 2.3) Break Glass
  - 2.4) Alarm Contacts
- 3) Jumper Settings
- 4) Technical Data and Ratings
- 5) Alternative Configurations

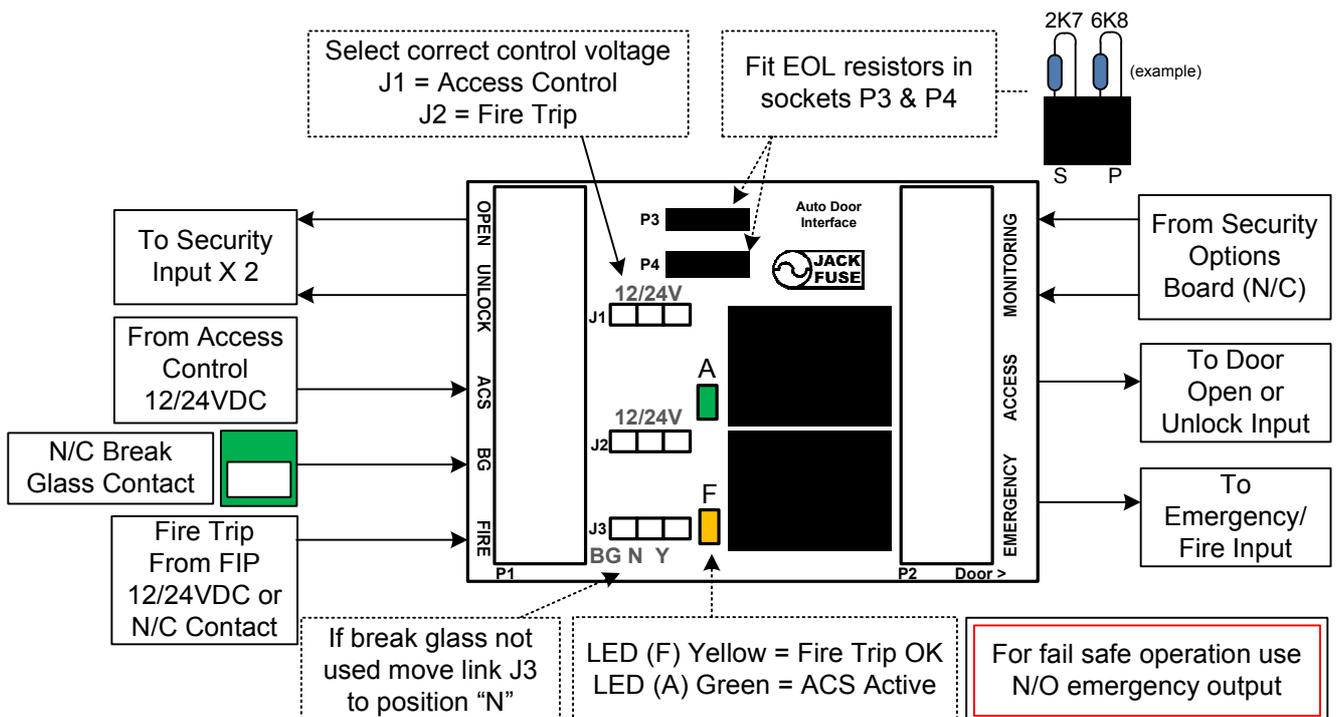
**Before powering the ADI you must take the time to read and understand all installation notes.**

#### 1) Mounting

The ADI is designed to be mounted in the auto door head adjacent the auto door controller. Affix the supplied mounting track inside the door head and simply clip in the ADI, preferably on a vertical surface in such a position that the LED indicators can be checked easily. Be careful to place the ADI and associated cabling away from moving parts of the auto door.

#### 2) Termination

The most common termination options are illustrated below; other configurations are outlined elsewhere in these notes. For ease of termination and testing the connectors can be removed from the ADI board. Both the ACS and FIRE relays have on board back EMF protection diodes.





### 3) Jumper Settings

**Warning: It is important to correctly set and check the jumper/link settings before use of the ADI. Incorrect settings may cause undesirable operation or damage.**

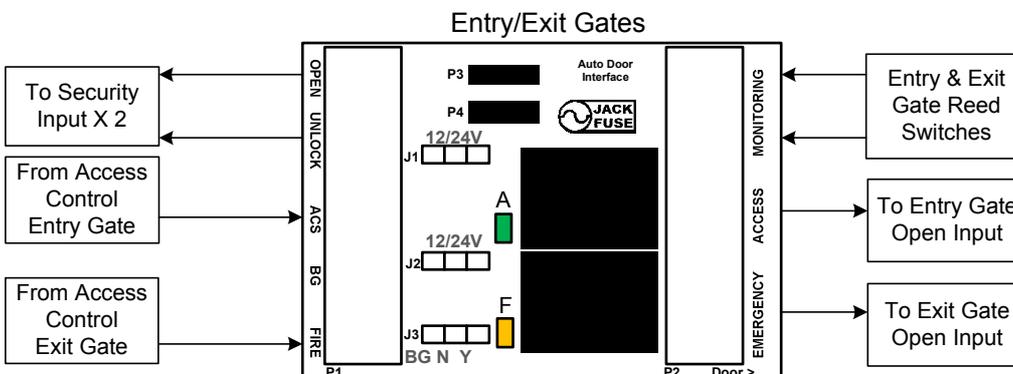
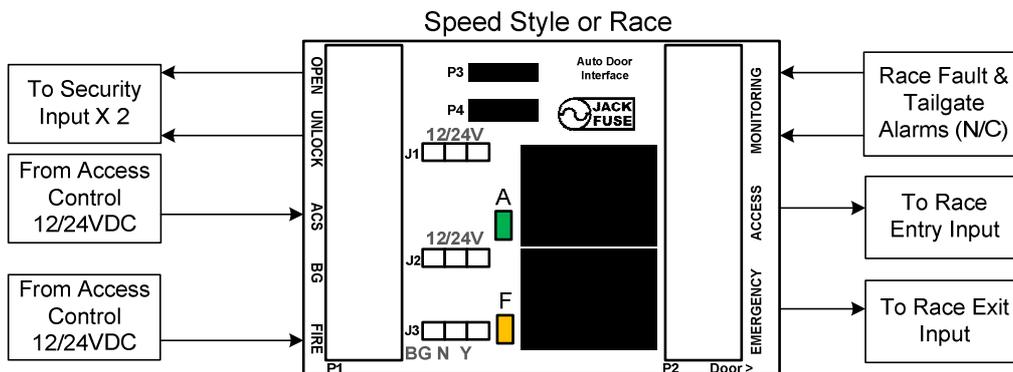
Jumper/Link	Position	Description
J1	12	12VDC operation of the <i>Access</i> relay
	24	24VDC operation of the <i>Access</i> relay
J2	12	12VDC operation of the <i>Emergency</i> relay
	24	24VDC operation of the <i>Emergency</i> relay
J3	N	Break glass unit not installed
	Y	N/C break glass unit installed

### 4) Technical Data

ACS & Fire input voltage	12V or 24V DC
Max current via Access and Emergency contacts	5A
Max conductor size terminals P1 & P2	1.5mm <sup>2</sup> or 14 AWG
Mounting	Screw on Snap Track
Dimensions (with terminals & mounting track)	55 L X 80 W X 33 H (mm)

### 5) Alternative Configurations

The ADI can be used for interface to almost any type of automatic access control device including gates, speed styles, booms and shutters. The ACS and Emergency inputs can also be used as standard interface relays. Some alternative configurations are illustrated below.



For complete install notes, data sheets and technical support please visit

[www.jackfuse.com](http://www.jackfuse.com)

