

## Application: Aluminum entrance pairs

Aluminum pairing doors with pivots are commonly used for the main entrances into public buildings, such as schools, offices, retail stores and more. In addition to their affordability and versatility, these doors lend themselves well to electronic access control, electrified devices and ADA accessibility.

As architects coordinate with electrical engineers to add EAC, card readers, electrified devices or ADA accessibility, they'll need three important items:

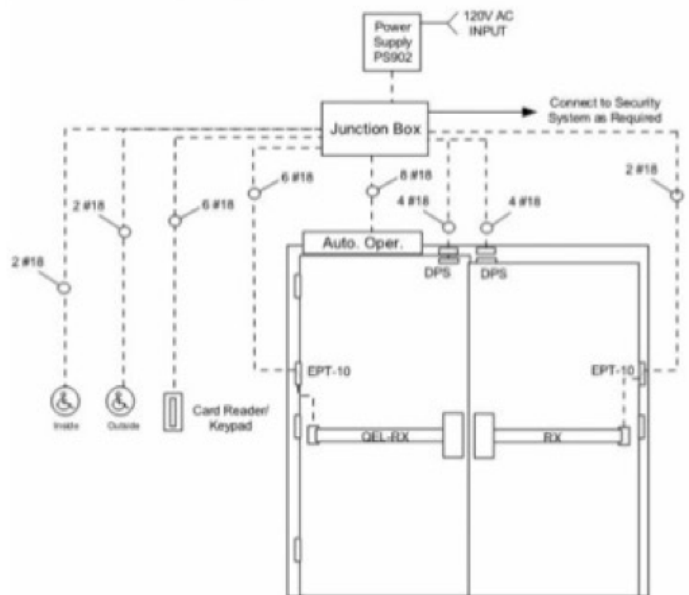
- Operational description
- Elevation diagram
- Hardware set

Below are examples of each that Allegion uses for this popular application.

### Operational description

Doors normally closed and locked. Access by presenting valid credential or key code to reader, which will shunt door position switches and retract exit device latchbolt on RHR door, allowing door to be either pulled open manually, or automatically by depressing outside actuator. Immediate egress always allowed. Depressed inside actuator retracts exit device latchbolt and automatically opens RHR door. Request to exit switches in push rails shunt door position switches.

### Elevation Diagram





**ALLEGION™**

**Hardware set**

Provide each PR door(s) with the following:

Qty	Description	Catalog number	Finish	Mfr.
2 EA	Pivot Set	7226 SET	626	IVE
2 EA	Intermediate Pivot	7226 INT	626	IVE
2 EA	Power Transfer	EPT10	689	VON
1 EA	Keyed Rem. Mullion	KR4954	689	VON
1 EA	Electric Panic Hardware	RX-CD-99-EO	626	VON
1 EA	Electric Panic Hardware	RX-QEL-99-NL-OP-110MD	626	VON
1 EA	Primus Rim Cylinder	20-757-XP	626	SCH
1 EA	Primus Mort. Cylinder	20-783-XP	626	SCH
2 EA	Offset Pull	9264F-72	630	IVE
2 EA	Overhead Stop	100S	630	GLY
1 EA	Surface Closer	4040XP MC	689	LCN
1 EA	Surface Auto Operator	9542 DD72 MS	ANCLR	LCN
2 EA	Actuator, Wall Mount	8310-856T	630	LCN
2 EA	Flush Mount Box	8310-868F	689	LCN
1 EA	Threshold	655A MSLA-10	AL	ZER
2 EA	Door Contact	679-05HM	BLK	SCE
1 EA	Card Reader	MTK15	G	SCE
1 EA	Power Supply	PS902 900-4RL FA900 KL900	LGR	SCE

Weatherstripping by aluminum door supplier.

[Contact an Allegion spec writer](#) (or call 877-929-4350) today for assistance on your building projects.

**About Allegion**

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises more than 25 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit [www.allegion.com](http://www.allegion.com).