

Autopass

Autopass is a system developed to automate single action swing doors.

Designed to be on inward or outward hinged swing doors, the system is entirely reversible to suite left or right handed openings. Autopass is suitable to operate doors up to 1m in width and a maximum weight of 100kg.

The mechanism is fixed to the frame above the door and comprises of a motor and gearbox assembly with either a sliding or articulated operating arm.

The operating arms sliding arms (sliding or articulated) have been designed to take account of the flexibility of some doors, and provide a smooth mechanism to transfer the torque effectively.

The compact drive assembly is integrated into an anodised aluminium housing, which is aesthetically pleasing and would suit any environment.

Its attractive styling combined with robustness of the drive system makes Autopass suitable for either residential or commercial use.

Autopass meets all European Standards

Autopass list of Features:

- **Inward or outward door automation**
- **RF synchronisation of double doors**
- **Safety sensing (obstacle detection)**
- **Stop, Go & Block signals**
- **13Vdc, 1A output for locking**
- **Self learning setup**
- **Built in battery standby**
- **“Push & Go” option**
- **Override – open or closed**



Autopass

Model	Description	Input Voltage (Vac)	Profile Dimensions L x H x D (mm)	Door Weight (Kg)	Door Width (m)	Consumption (mA)	IP Rating
AP-SD-AA	Articulated arm for single outward opening door	240	509 x 90 x 110	100	1	200	IP22
AP-SD-SA	Sliding arm for single inward opening door	240	509 x 90 x 110	100	1	200	IP22

Sophisticated electronics are integrated into the system to control the operation, and incorporates a built-in remote control function. Alternatively, there are inputs which can be utilised for activation by other switching devices.

A Push & Go feature allows the door, to sense manual pressure on the door, and the control function will take over and automatically open the door.

For safety, the system has self-learning software. The system continually monitors the change in current of the motor, and if any obstruction occurs during the opening or closing sequences, the motor will react and adjust its operation.

Autopass can be coupled with various access control device, including keypads, card readers, radio transmitters, infra-red sensors, push buttons and microwave sensors.

Autopass can be used to control the locking of the door, and can function in several modes:

Automatic Mode
Restricted Mode
Normal Mode

An external manual switch allows the user to select “walk”, “blocked” and “stop” modes. The system is wired to a 240Vac single phase, but all functions are 12Vdc and includes a standby battery.



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