

EVOLUTION / SMART model

The EVOLUTION and SMART models are electro-mechanical operators for pedestrian swing doors. They may be used to automate already-existing swing doors, or in new installations. Their main characteristics are their durability and silent movement. They may be used for both interiors and exteriors and for double or single doors, and they may be mounted on either of the two sides, as their design makes them ideal for integration in any environment.

These models have numerous applications, particularly as private or public access points for disabled persons or premises with heavy traffic and limited space. They also provide excellent impermeability and consequently high energy efficiency, and they have a large and varied range of accessories geared to user safety.

The EVOLUTION and SMART operators have a wide range of functions that allow them to be adapted to each client's particular requirements. In addition to the habitual "Push & Go" doors, exit-only doors, etc., they are also equipped with features such as a wheelchair courtesy function or an automatic opening and closing power increase in case of wind. It also includes the possibility of increasing the opening hold time in heavy traffic situations, or of simply disabling automatic operation and using the door as a manual swing door when necessary.

INSTALLATION

The EVOLUTION and SMART operators are easy to install. There are two installation modes:

- **Articulated arm** (opening in the opposite direction to the operator position). A minimum height of 120 mm is required for this installation mode.
- **Rigid arm** (opening in the same direction as the operator position). A minimum lintel height of 150 mm is required for this installation mode.

For low lintels, the operator may be fitted to the leaf itself. For double leaf swing doors, the two operators are connected by means of a cable, fitted to synchronise the "master-slave" system. A case with the same design as the operator to cover the gap between the two operators is also available.

VERSATILITY

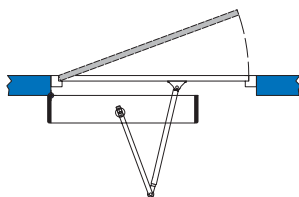
There are two versions of the EVOLUTION system:

- **EVOLUTION B3:** electro-mechanical operator with motorised opening and closing.
- **EVOLUTION B1:** electro-mechanical operator with motorised opening and spring closing. In cases where the spring is not sufficient to close the door, due to wind or door misalignment, the motor can act as a back-up to the spring.

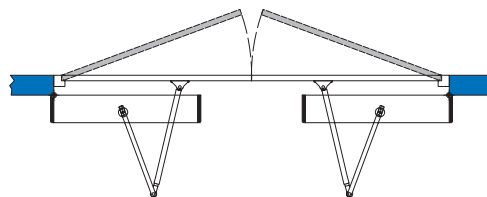
There is one version of the SMART system:

- **SMART B1:** electro-mechanical operator with motorised opening and spring closing.

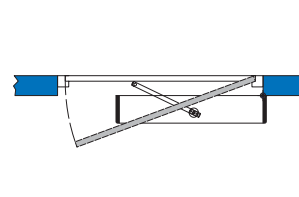
Pushing arm (single leaf)



Pushing arm (double leaf)



Pulling arm (single leaf)



TECHNICAL SPECIFICATIONS

	EVOLUTION	SMART
Power supply	230 vac	230 vac - 110 vac
Maximum weight per leaf	250 kg	125 kg
Maximum leaf width	1400 mm	1200 mm
Maximum opening angle	95°	95°
Casing dimensions	106 h x 120 d x 550 l	106 h x 120 d x 550 l
Power supply	75 w	50 w
Impermeability (IP)	IP22	IP22





STANDARD MOTORISATION

- ① Gear motor
- ② Control board
- ③ Power board
- ④ Transformer
- ⑤ Torsion spring
- ⑥ Pulley reducer system
- ⑦ Box section

we open for you
the doors

