

## Technical Specification/Submittal

# EA Powered Swing Gate

The **EA Powered Swing Gate** can be used as single units or as pairs, allowing the flexibility to create various opening widths to suit the application. Matching glass balustrading is available to close or cordon off unused areas.

Our contemporary powered gate has LED lighting at the top which gives a clear indication of its status. Visually users can see if the gate is locked, in standby or in receipt of a opening signal. Uniquely the locking mechanism has a ratcheting system that allows the gate to move slightly if pressure is applied when locked. This clever feature reduces the chances of glass breakage and the gate illuminates red and a warning alarm is sounded

**EA Powered Swing Gates** can be integrated with both Access Control Units and Fire Alarm Systems, to provide controlled access/egress and or allow free egress in the event of a fire alarm/emergency activation. When integrated with a fire alarm, on fire activation, the leaf or leafves open to allow free exit and remain unlocked until the alarm is reset.

Model No	EA-B508
Size	168x1004mm
Input voltage	240V
Drive motor	DC 24v brushless motor
Operating Cycle	Up to 30 seconds - adjustable
Applicable temperature	-20°C to +70°C
Glass thickness	8mmm
Swing direction	Single / Bi-directional
Passage width	906mm. Custom widths also available

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The **EA Powered Swing Gate** is the simplest and most affordable way to control and restrict access and is available from a 500 to 1850\* mm clear opening. (\*2 gates)

The EA Powered Swing Gate is perfectly suited for access control where a wider access point is required, but is typically controlled by a receptionist who oversees the user

The EA Powered Swing Gate is suitable for disabled and VIP-purpose accesses, these are recommended to be installed next to our tripod turnstiles to provide an unhindered route.

The **EA Powered Swing Gate** is equipped with a servo-actuator that can be controlled in either a manual or automatic mode.

In the manual mode, the gate is opened/closed with a push button or control panel often at a reception desk or a remote position.

In the automatic mode, the gate is opened/closed determined from the signal from an access control system.

The operational principle of this product is based upon the device locking the leaf in its closed position.

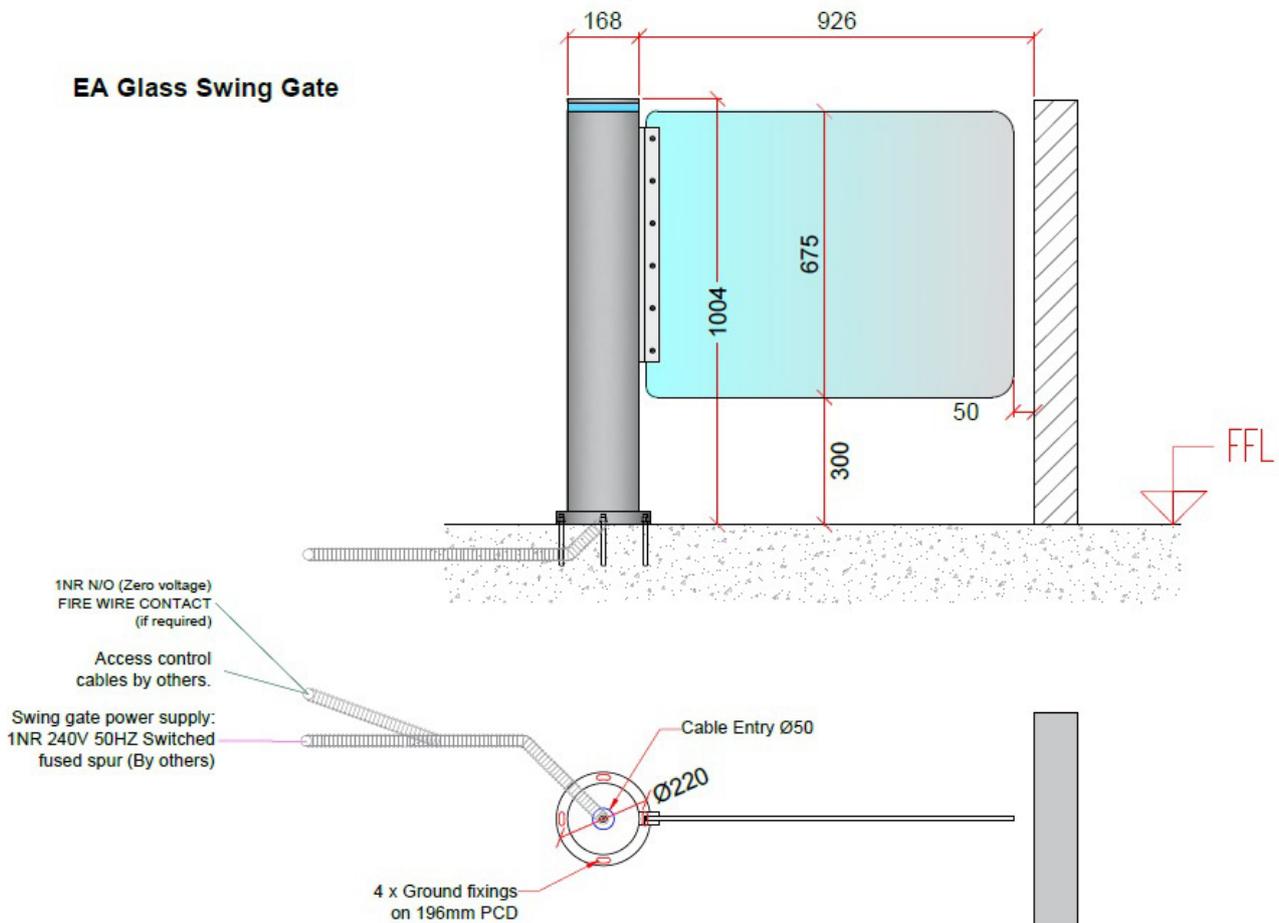
When access permission is granted, the actuator rotates the flag-shape leaf to 90 degrees and returns to its initial closed position (Cycle time can be adjusted during installation) .

During loss of power, the **EA Powered Swing Gate** unlocks, opens and allows a free passage. Optionally a UPS battery can be installed to keep the gate operational during loss of power.



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# Wiring & Layout Details



### NOTES:

- EA DDA Glass Swing Gate - brushed 304 stainless steel body with brushed aluminium glass clamp. Glass is 10mm toughened.
- Fixings: Cabinets are secured to floor with M10 studding chem-fixed in position; thru Tile, adhesive, screed and into concrete sub-base upto 100mm deep from FFL.



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