

Automatic Swing Doors



EASYSpec -The Automation Specification Service for Professionals

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PREAMBLE

Automatic doors provide a welcoming efficient entrance to any business and our Electro Swing FA is a fully automatic operator. Used for high frequency entrances such as shopping malls, hotels, leisure centres and airports, Electro Swing FA has been engineered to open doors for people with disabilities, the elderly and children. Our unique one-way clutch mechanism allows the door to be opened manually with incredible ease, whilst at the same time prolonging service life, offering years of reliable, trouble free, swing door operation. Being non-handed, Electro Swing FA can accommodate left, right, push and pull swing applications in one compact and powerful unit. Equipped with an adjustable heavy-duty spring, Electro Swing FA can accommodate heavier doors up to 150kg even in windy conditions.

ENTRY AND EXIT

For entry and exit we recommend using our Electro Swing FA swing door operator with the operator mounted internally on the door frame. The door will be controlled via push to open, button 1 located externally and 1 located internally. When a disabled user approaches the door for entry or exit they press the "push to open" button and the door will open automatically. They enter/exit and after a pre-determined time (adjustable) and the door will close automatically unless the safety devices have been activated. For normal use the operator will also have a push and go facility, this will function when a user pulls or pushes the door it operates as a manual door with assistance from the operator. The door/operator will be fitted with all the relevant safety features to accommodate BS7036 standards.

SAFETY

Both your own and your customer's safety are of paramount importance to us and we would draw your attention to BS7036 the current code of practice for safety at automatic doors. It states that "*an additional presence sensing device is essential where a significant proportion of the door users are elderly, infirm or very young*". Our surveyors and engineers are trained to ADSA (Automatic Door Suppliers Association) standards. Each has passed the ADSA examination and is qualified to ensure that your doors meet or exceed the current safety requirements. This protects your interests.

Electro Automation (NI) Limited, 21 Crescent Business Park, Lisburn BT28 2GN
Tel: 028 9266 4583 Email: info@electroautomation.co.uk

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A site survey or project evaluation may be required before the extent of safety can be determined when viewed in-situ. All our installations will be fitted with all the relevant safety features to bring them up to BS7036 standard.

ACCESSORIES

The Electro Swing FA has various inputs for access control systems and magnetic locks. The operator can also be linked to the fire alarm system. In the event of the Fire Alarm System being activated the door will open and stay open until the fire alarm has been reset. An input for a Green Break Glass Unit (GBGU) is available. When the GBGU is activated the door will open and stay open until the GBGU has been reset.

GENERAL

The Specialist Contractor Electro Automation (NI) Ltd shall supply, install and commission a complete swing door automation system. The Door System shall comprise of all necessary mechanical opening systems, electronic safety devices, push buttons, etc as indicated on the content and detailed hereafter. The automated door system shall be arranged for opening and closing via push buttons for disabled users and function as a manual door at all other times.

MECHANICAL SAFETY REQUIREMENTS

All components within the system shall operate within their manufacturer's specification and all parts of the system shall be protected. The automation must comply with all relevant EC safety standards.

POWER AND CABLING REQUIREMENTS

We require a 240v single phase power supply to the left hand side of the opening that is above and on the same face as the operator. This should be terminated with a switchable central flex outlet faceplate. The circuit should be protected by a residual circuit breaker at the mains board rated 30mA and a 5amp fuse at the spur. The Specialist Contractor Electro Automation (NI) Ltd will complete all local cabling. In the event of power failure the door will function as a manual door.

TECHNICAL SUPPORT

The specialist contractor shall undertake to hold all parts required and to allow access to a full 365 day 24 hour manned service and support telephone line.

CONTENT

- 1 No. Electro Swing FA Door Operator
- 1 No. Push Link Arm Opening Outward/Sliding Arm Opening Inwards
- 2 No. Push to Open Buttons Surface Mounted 150mm Square
- 1 No. Three Position Key Switch Surface Mounted
- 1 No. Top Safety Scanner 900mm
- 1 No. Top Safety Scanner 330mm
- 1 No. Finger Guard



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1 No. Door Loop
1 No. Set of Automatic Door Signs
All civil works and cabling by others

Please note that we allow for a single 3 position key switch for the double doors. This switch is located at a height of approximately 1200mm and controls both doors ONLY. We can adjust the height of the switch to suit the client's needs.

All materials and specialist advice can be obtained from:

Electro Automation (NI) Ltd
21 Crescent Business Park
Lisburn
BT28 2GN

Tel: 028 9266 4583
Local Contact: David Cobain
Email: davidcobain@electroautomation.co.uk
Mobile: 07841 802801