GILGEN DOOR SYSTEMS

NBS Specification

SLX-M/ PSXP automatic sliding door system (Burglar resistance)

Designed, constructed and installed to satisfy BSEN 16005:2012 Gilgen SLX –M sliding door operators are tested for 1 million cycles, providing proven reliability. Compliance with other notable UK standards such as Part M & Part B of the building regulations, The Equality Act and BS8300:2009 is also achieved.

PSXP RC high security profile incorporating a multi point locking mechanism approved to EN 1628 (static tests), EN1629 (dynamic tests) and EN 1630 (manual burglar test) thereby achieving overall security rating of RC2 or RC3.

SLX-M/ PSXP RC are suitable for commercial applications with a higher risk of break -ins such as banks, jewellers shops , phone, computer, tobacco retailers etc.

All equipment is installed by Automatic Door Suppliers Association (ADSA) accredited engineers.

Standard details for SLX-M/PSXP RC automatic sliding door system

- Product reference — SLX-M/PSXP RC automatic sliding door system

Product Properties

- Door configuration
  - Single sliding WITHOUT side panel
  - Bi parting NO fixed side panels
  - Bi parting TWO fixed side panels
- Door clearance width
  - 700 mm to 1650mm (Single sliding)
  - 800 to 3000mm (bi parting)
- Door height
  - 2000 to 3330mm (RC2) – single sliding
  - 2000 to 2640mm (RC3) - single sliding
  - 2000 to 3330mm (RC2) – Bi- parting
  - 2000 to 2640mm (RC3) - Bi - parting
- Finish
  - Silver anodised
  - Polyester powder coated standard RAL colours

Drive operation — Standard SLX- M

- Glazing
  - P4A (EN356) high security glass (RC2)
  - P5A (EN356) high security glass (RC3)
  - Glazed fan light option (Bi parting ONLY) consult manufacturer
- Control
  - D Bedix hard wired control unit
  - 6 position key switch.
  - F Key
  - Kombi D Bedix
- Activation
  - Integration with access control systems
  - Manual push pad
  - Motion sensors
  - Touch-less push pad

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- Locking & Security — multi point locking Please consult manufacturer
- Door movement guide: — Recessed floor track
Surface mounted fixed point guide
- Rear door safety — Installation specific please consult manufacturer

As standard

Drive system

SLX-M/ PSXP RC sliding door drive system integrates Bluetooth wireless control technology and a powerful, near silent drive into a very slender in profile. System components are connected via a can-bus, which not only guarantees smooth and reliable operation, but also facilitates constant communication with the processor to ensure optimum operational safety.

Safety

- Combined presence and activation sensing devices to ensure door opening distances are in accordance with BSEN 16005, doors do not close on pedestrians within the threshold area and provide a signal to the door control system thereby optimising pedestrian safety
- Rear edge sensors (electro sensitive protection equipment ESPE) complying with BSEN 16005 located within the door operator maintain back of door safety and protect pedestrians against crushing edges at the main closing edge
- Failsafe system (battery back- up)that enables up to 30 minutes operation (subject to use) in the event of a mains failure. This fail safe system is automatically tested at least once every 24 hours.
- Fire alarm interface connection enabling door leaves to fail safe to open in the event of an emergency. In compliance with BSEN 16005 door sets with a clear opening width of up to 2000mm open by at least 80% within 3 seconds after activation by the activators in the escape direction (or within 5 seconds in the event of the loss of power.)

Security

- A choice of either automatic or manual multipoint locking (integrated into the door leaf) is available please consult the manufacturer

Door weight

- 1 x 150kg – single sliding doors
- 2 x 250kg - Bi parting doors

Operation

24V DC motor with microprocessor controller which allows extensive options for opening width, electric locking, summer/ winter modes, exit only, manual control, speed of opening and the length of time the door is open.

Power requirements

230V single phase. Please note a 13A LIVE neon lit fused spur supply, protected by a 30mA RCD MUST be provided by OTHERS prior to installation. In compliance with BSEN 16005 the mains connection must be capable of disconnection to safeguard against unintentional and unauthorised reactivation .

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Options

Door height

- RC2 solutions = 2000–3300mm - Nominal depending upon location and door panel width and weight.
- RC3 solutions = 2000–2640mm - Nominal depending upon location and door panel width and weight.

Rear door safety

A choice of options are available subject to installation considerations. Please consult the manufacturer. The options available are;

- Firmly secured Solid Glazed Barrier (900mm high) in accordance with BSEN 16005
- Fully Glazed 2.5m high Pocket Screen complying with BSEN 16005

Control

D Bedix hard wired programming key pad (incorporating digital display screen) designed for installation in a central control panel. Configured for automatic/ manual/ night/ exit/ open door operating modes.

- Portable Bedix wireless control unit designed to enable selection of operating modes (as per D Bedix) and configure parameters. Simple menu based controls. No fixed location required. Password protected
- Kombi D Bedix, push button control (as standard D Bedix) incorporating additional security key to prevent unauthorized access
- F Key: Multi user, compact programmable portable unit enabling restricted personnel access.
- 6 position key switch. Single point door control but with NO fault identification

Operation

Additionally, the door allows for fitting of door position switches, fire or smoke alarm signals, voice message systems to assist partially sighted people and integrates with access control systems.

Glazing

- P4A (EN356) high security glass
- P5A (EN356) high security glass
- 300 - 560mm glazed fan light (increases overall package height) Suitable for Bi parting solutions ONLY

Door movement guide:

- Surface mounted fixed point guide enhances efficiency of door movement
- Recessed floor track, helps further improve door security as well as improved weather sealing and resistance to strong winds and driving rain.

Approvals

- CE
- TUV
- RC2 and RC3 in accordance with EN 1627 to EN 1630 (2011)

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