

**Manufacturer:**

GDUK Door Solutions,
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Alfreton,
Derbyshire,
DE55 4LS.

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Automatic Operator:

Gilgen SL-PSXP LPS: 1175 Sliding Door system with 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.

Independently tested by LPCB to LPS: 1175 standard. Approved by Secured by Design.

Operator height 140mm, depth 205mm.

Maximum door leaf weight of 150kg (each)

Maximum individual door leaf and fixed screen glazed area, 3m²

Activation and control system per doorset:

Key switch with 6 positions. Configured for off, automatic, night, exit only and hold open operating modes.

- Exit: 1no. Combined & Monitored activation and safety sensor EN 16005:2012
- Entry: 1no. Combined & Monitored activation and safety sensor EN 16005:2012

Safety devices per door:

- 1no. Battery Pack for fail open or closed in the event of power failure.
- Option 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.
- Full door height glass pocket protection screens (delete as appropriate)
- Monitored presence sensor back edge safety (delete as appropriate)

Locking:

- Electromechanical "Carlock" running-carriage locking device reliably prevents the door leaves from sliding open. The built-in gear motor guarantees a high locking/unlocking force, tested to over 500,000 operating cycles. (Option)
- Automatic multipoint locking FLUVERI. The locking and unlocking is automatically achieved via the locking motor integrated in the door leaf. By means of a freewheel cylinder, the locking mechanism can be manually operated by means of a key, from inside and/or outside. The locked door can also be unlocked and opened from inside using the manual unlocking lever available as an option.

Floor Track:

Full length recessed LPS: 1175 floor track, inclusive of additional floor mounted guide.

Configuration

- Single sliding door leaf
- Bi-parting door leaf's

Materials:

Doors:

- Formed from Gilgen PSXP aluminium profiles with vertical interlocking and sealing gaskets. Slim 40mm vertical profiles with 70mm bottom rail.
- Doors main closing edge will be based on the "tongue and groove principle.
- Glazing – Double glazed insulated laminated safety glass to a minimum standard of EN 356.

Side screens (delete if not applicable)

- Formed from Gilgen PSXP aluminium profiles with vertical interlocking and sealing gaskets. Slim 40mm vertical profiles with 70mm bottom rail.
- Glazing – Double glazed insulated laminated safety glass to a minimum standard of EN 356.

Pocket Protection screens:

- Formed from 10mm clear toughened glass with polished edges. Each panel fitted with top and bottom pivot patches and corner patch.
- Each protection screen shall be pivoted to allow cleaning and maintenance.

- **Clear Opening Width:** mm
- **Clear Opening Height:** mm

Finishes:

- All visible operator surfaces to be Powder Coated to a standard RAL colour. (delete as appropriate)
- Standard anodized finish. (delete as appropriate)

Signs:

- Standard signage to EN16005.
- Manifestation not included.

Associated works Per Door Set:

- 1 no. 240v 13A LIVE neon lit fused spur supply, protected by a 30mA RCD must be provided prior to installation. In compliance with BS EN16005 the mains connection must be capable of disconnection to safeguard against unintentional and unauthorised reactivation. Positioned above operator by others.
- Connection to the fire alarm system (if required) would require one pair of normally open volt free contacts to be supplied terminating at drive unit location by others.
- Any concealed containment (inc. draw wires) must be undertaken by others. Cabling to activation devices will otherwise be fitted with surface mini trunking at a minimum distance to suit industry standards.
 - Notes: Installation carried out by the manufacturer's engineers. Installed to and complying with EN16005