

Automatic Swing Door Operator

LQ-75

The LOGiQ LQ-75 automation system is designed to control the opening and closing of swinging doors in indoor environments where safety, absolute quietness and fluidity of motion are essential requirements.

The great versatility of the LOGiQ LQ-75 automation system means it can be used in all fields of application. The powerful automation system, capable of operating swing doors weighing 75Kg and 1000 mm in width, is equipped with a brushless motor with encoder, resulting in very low wear and the highest durability over time.

An electronic control unit, latest generation components and a switching power supply complete the technical equipment of the LOGiQ LQ-75 automation systems, ensuring efficiency and low power consumption. On request, LOGiQ LQ-75 automatic swinging doors are equipped with an emergency battery allowing them to maintain automatic operation even in the event of a power failure.

The opening system of LOGiQ LQ-75 automatic doors can be controlled by contactless sensors, remote control or by a simple touch of a finger using the push & go mode. The automatic swinging doors of the LOGiQ LQ-75 series are extremely safe, thanks to the encoder which detects the precise position of the door and, in the event of an obstacle, immediately reverses the movement of the door.



Technical Data

| LOGiQ MODELS | LQ-75 / LQ-75B / LQ-75D / LQ-75 DB |
|------------------------------|---|
| Automation type | Single / Single with battery / Double / Double with battery |
| Dimensions [LxHxW] | 420x60x74,5 mm / x60x74 mm |
| Maximum weight of the leaf | 75 kg |
| Maximum width of the leaf | 1000 mm |
| Maximum opening angle | 110° |
| Power supply | 115 - 230Vac 50/60Hz |
| Max. Power | 40 W |
| Stand-by power | 5 W |
| Motor | 24Vdc Brushless motor with encoder |
| Frequency of use | 100% |
| Max load of ext accessories | 0,5A 24Vdc |
| Output for electric lock | Relay with N.O. / N.C. contact |
| Protection class | IP 32 |
| Operating temperature | -15°C +50°C |
| Operation without current | with built-in battery [optional] |
| Opening speed [up to 90 °] | adjustable from 2 to 12s |
| Closing speed | adjustable from 4 to 12s |
| Pause time | adjustable from 0.5s to 60s |
| Pause time [disabled people] | adjustable from 0.5s to 60s |

Features

- Ultra-compact dims 60 H x 74,5 W x 420 L
- Very low consumption (5W in stand-by)
- Brushless motor
- Quick opening (up to 80° in 2 seconds)
- Rated for doors with maximum 75kg

Certification

- Electromagnetic Compatibility EMC 2014/30/UE
- EN 61000-6-2 Stanard / EN 61000-6-3 Standard
- Low Voltage Directive LVD 2014/35/UE
- EN 60335-2-103 Standard
- Machinery Directive 2006/42/CE
- EN 13849-1 Standard / EN 13849-2 Standard
- Category=2,PL=d
- EN 16005