

**LOW** record  
**ENERGY**

# record DFA LEN

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low energy accessible swing door operator



## Brief Description

The record DFA LEN is a low energy drive system for the automation of swing doors, characterised by sophisticated technology, compact design and a silent, smoothness of operation for which record has become renowned. The focus of this drive unit is suitability for low energy / accessible type installations.

Its characterised qualities are due to its electromechanical construction and modular design, enabling it to be visibly mounted to a variety of surfaces above a swing door entrance, or concealed in a ceiling cavity with an extended spindle for the connection arm.

When the swing door drive motor operates, it tensions a spring integrated in the drive housing. When the door closes, the energy stored in the spring is utilised, with motor assistance employed as required for effective and continued smooth and silent operation.

## Drive Type

- low energy: gentle and responsive, limiting the kinetic energy to allow the door to be used safely without infrared sensors

## Features:

- operating modes: Automatic, Hold Open, Manual, Locked, Exit
- functions: Auto reverse, Push and Go, Emergency stop, 2 leaf synchronised operation, Interlock
- drive housing (standard): aluminium in clear anodised finish
- drive housing (optional): aluminium powdercoat or anodised to selected colour and extended length to suit entrance design

## Control Options:

- by record: green mushroom head push button, remote control, record BLS 60 touchless switch (pictured below)
- by others (internal): interface with building control system or standard wall switch
- by others (external): security card swipe, remote control



## Technical Specifications

Dimensions (H x W x L)	85mm x 124mm x 600mm
Opening / Closing Time	3 - 20 sec / 5 - 20 sec
Power supply	230VAC, 50 Hz
Power consumption	67W Power mode, 13W standby
Operating angle	70° – 115°, INVERSE up to 95°
Protection rating	For use in dry locations only
Ambient temperature	-15°C to +50°C

## Door Leaf Weights:

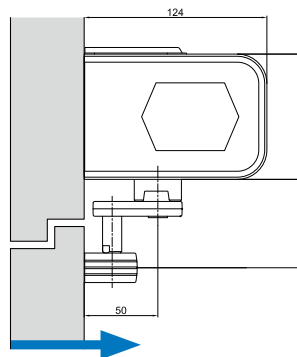
- 140kg: door leaf widths less than 1000mm.
- 100kg: door leaf widths less than 1200mm.

## Compliance

record DFA 127 operators meet the Building Code of Australia (BCA) requirements and are tested to stringent European standards DIN EN16005 (durability and safety).

record complies with the design, durability, safety and functionality guidelines of Australian Standard AS5007:2007.

## Slide Arm (Pull)



## Slide Arm (Push)

