

# Automatics

Ezy-fit  
**01**  
Series



**Ezy-fit 01 Series**  
*The Automatic Door Experts*

## Why have an automatic door?

Automatic doors enable movement through a door way with relatively little fuss, they provide a user friendly, efficient method of opening and closing a doorway and have become a part of our every day lives.

### An automatic door can provide the following benefits

- Improved convenience
- Improved aesthetics
- Improved accessibility to your business
- Improved health through non tactile entry
- Compliance with the Building Code of Australia
- Increased safety
- Increased security control
- Reduced noise and pollution
- Interface with building management systems
- Reduced climate control costs



## A New Generation

The O1 Series of automatic door operators incorporating the Ezy-fit EL301 is the latest release from Australia's most successful automatic door operator manufacturer and service provider, DORMA Automatics Pty Ltd.

Using next generation technology, the O1 Series delivers infinite control, smoother function and sleeker lines, providing design possibilities that are limited only by the imagination.

Our tradition of reliability, longevity, performance and safety continues to influence our product development. As with our previous product releases, the O1 Series is an Australian made product developed specifically for our extreme climatic conditions - from winter frost, through to dry arid summers.

The O1 Series has the flexibility to be used with framed, frameless and solid core doors and forms the platform for the following automatic door operator models.

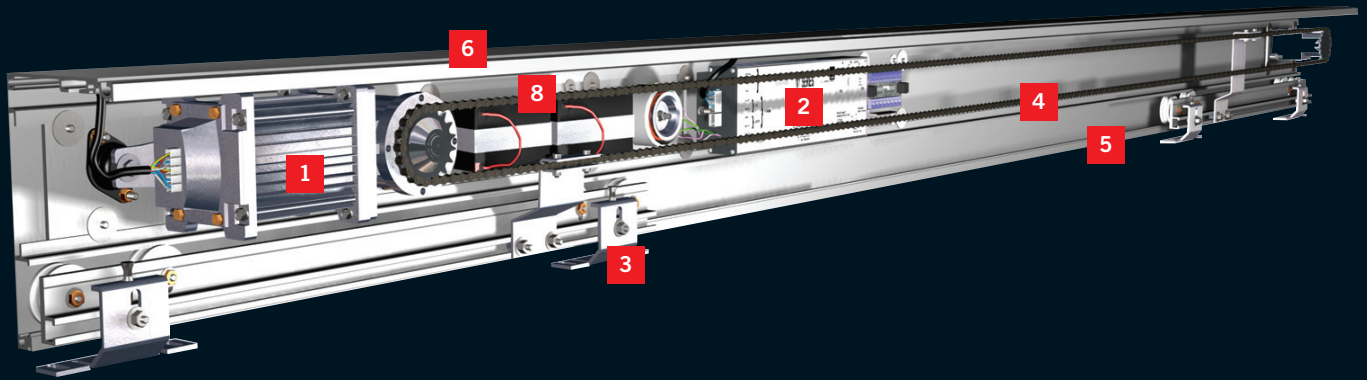
**AL401** – Heavy duty deluxe model, delivering superior performance and longevity

**Ezy-fit EL301** – The benchmark for Australian automatic door operators

**Bi Slide** – Telescopic doors that make the most of available space

**Break out** – Automatic sliding doors that break out are ideal for places that require the movement of large numbers of people in emergency situations, such as places of public entertainment and shopping centers. The break out function can also provide a means to maximize the available entrance space for the movement of goods and equipment in and out of a building.

**Power Train** – The flexibility to automate manual sliding door systems, Cool Room doors or upgrade existing automatic door operators.



## Key Features

### 1 Motor Gearbox

Purpose built Motor and Gear box with integrated door position encoder and optional motor lock.

### 2 Controller

State of the art surface mount microprocessor control system.

### 3 Door Hanging System

Adjustable door hanging system incorporating 57mm diameter fully sealed bearing, track and anti rise wheels.

### 4 Chain Drive

Chain drive, heavy duty robust performance 12.7mm pitch with a tensile strength of 1950kg for enhanced security and integrated locking function.

### 5 Track

Fully replaceable tracking system available in aluminium or high performance stainless steel.

### 6 Wiring Loom

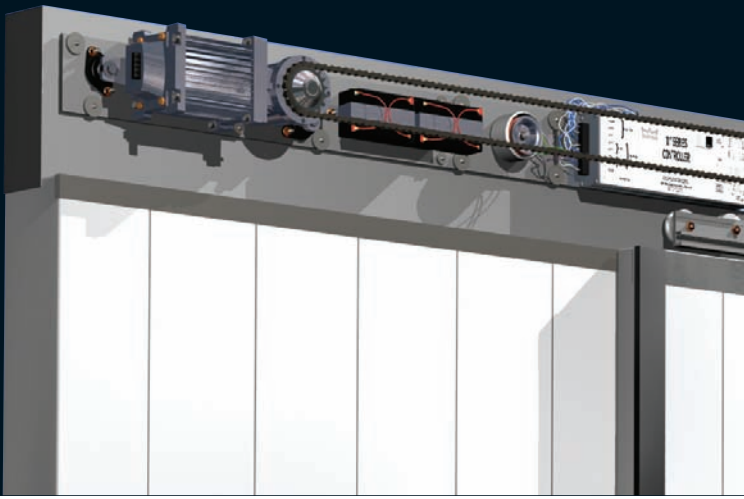
Simplified plug in wiring system for reduced maintenance and easier installation.

### 7 Fascia Cover

Purpose designed curved aluminium fascia cover.

### 8 UPS Battery Backup

A fully integrated UPS system which provides monitored battery backup for up to 100 cycles during a power failure



## Performance and Functionality

The O1 Series is a high torque, superior performance product, developed to withstand heavy-duty use. It's powered by DORMA's purpose designed and built motor and gearbox, and controlled by state-of-the-art electronics. While our doors are engineered to operate lightning fast, the development of 'smart' technology means they are highly responsive, making them more user friendly.

The O1 Series offers the choice of 'chain' or 'belt' driven operation, making it even more adaptable to varying design applications. The O1 Series has the flexibility to be used with framed, frameless and solid core doors.

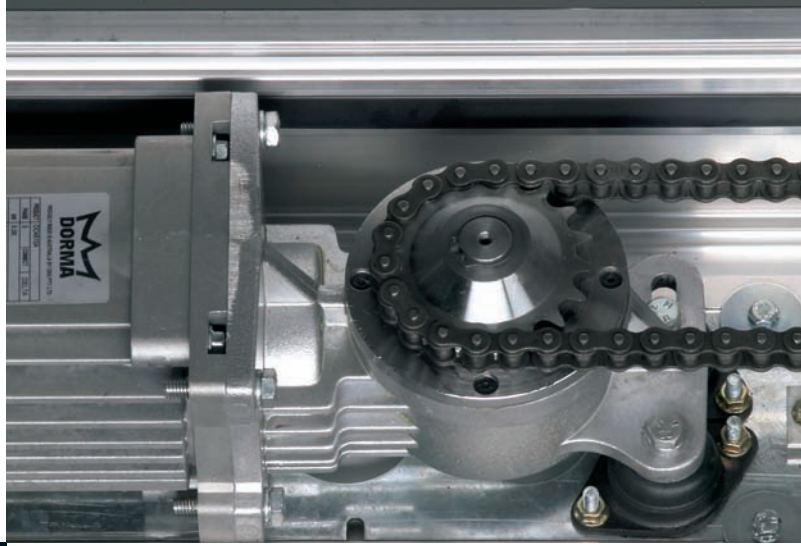
Traditional fixing methods and proven door mounting methods continue to make DORMA automatic door operators easy to install, efficient and reliable.

## Increased Design Flexibility

Taking into consideration feedback from architects and designers, the O1 Series offers an external appearance with lines that are less harsh and obtrusive, allowing it to gently integrate with its environment.

A low profile option is also available, as a variation to the standard operator, enabling it to fit in to spaces where operator height is limited and performance requirements are high. The O1 Series of automatic door operators can be integrated into entrance systems fully compliant to the AS1428 and DDA 1992, making the O1 Series the ideal choice for accessible design solutions.





## Purpose Built Motor and Gearbox

The O1 Series has a purpose built motor and gearbox, designed to accommodate the rigours of automatic door function. Utilising sophisticated electronics, it provides high torque and infinite control from the lightest to heaviest doors.

## Motor Electric Locking

The O1 Series electric motor lock locks the doors via the drive train regardless of the position with a breaking strain of 1950kg and operates in a failsafe manner compliant with the BCA section D2.21. The locking system incorporates a rechargeable battery reserve to ensure the doors remain locked for up to 30 hours under mains power failure, extended back up time can be provided upon request.

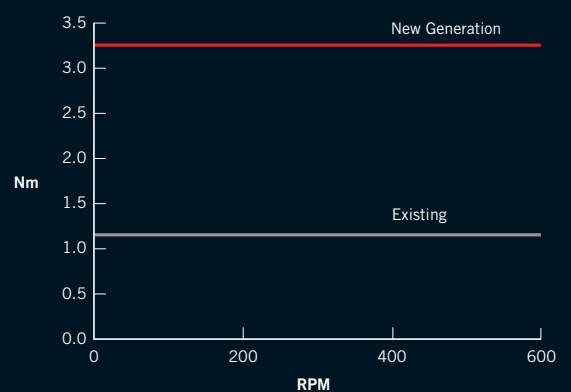
## World Class Safety Standards

Continuing our commitment to safety, the O1 Series of operators comply with the Building Codes of Australia (section D 2.19 and D2.21).

## Retrofit Capability

The O1 Series automatic door components have been developed to enable earlier model operators to be easily upgraded to current standards. Our commitment to the continuation and support of our earlier model products, makes the purchase of a DORMA automatic door a truly long term investment.

## Torque Performance Chart





## Special Features

### Electronic Mode Pad

The electronic mode pad provides the ultimate in user friendly automatic door control. With enhanced features such as one touch operation and back lit LCD screen.

Using leading edge technology and software, the electronic mode pad not only simplifies mode selection it also features an integrated diagnostic feedback function that provides information on door condition and servicing requirements.

Its pocket size, slimline design enables it to be fitted discreetly to almost any location.

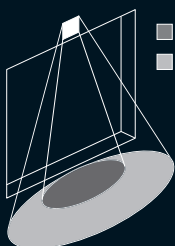
Its pocket size, slimline design enables the Mode Pad to be fitted discreetly to almost any location while its functional intelligence allows the customer to control the following aspects of their entrance:

- Customer Alarms
- Climate Control
- Security Lock
- Self Diagnosis
- People & Cycle Counting
- Security Pin Code

### State-of-the-Art Automatic Door Sensors

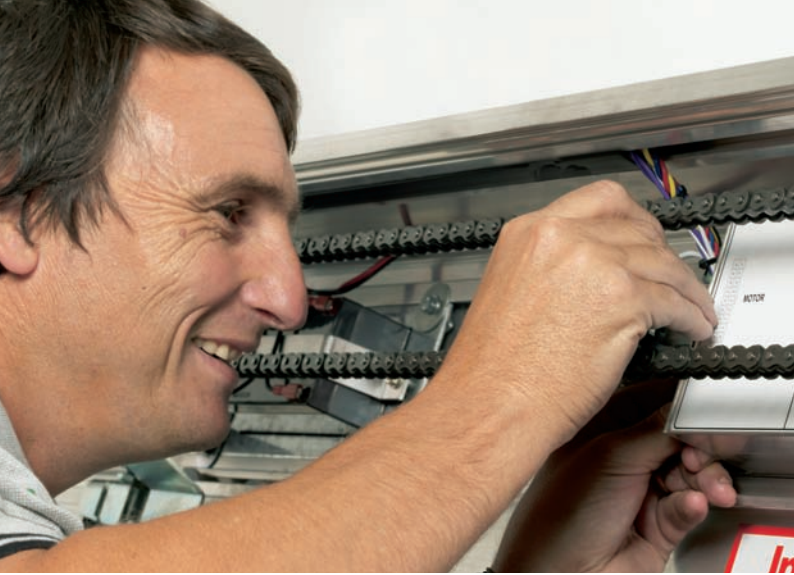
The O1 Series comes complete with state-of-the-art automatic door sensors as a standard feature. The compact size and optimum performance of these sensors sets the O1 Series apart from other automatic door operators currently manufactured in Australia.

### Microwave Sensor



- Max. height 3m
- Min. field .5 X .5m
- Max. field 4 X 2.5m





## Security Features

The renowned high security aspects of the Ezy-fit automatic door range continue with the O1 Series. Locking integrity is achieved through the combined strength of the integrated electric motor lock, gear box and drive chain, ensuring the security of your automated entrance.

The SK Series of security master key system switches has the flexibility to accommodate most commercially available security keying systems.

The addition of the options interface board provides the ability to interface with most security systems, seamlessly integrating your automatic door with total building security.

## Warranty

The O1 Series of automatic door operators is covered by a comprehensive twelve month labour and a two year parts warranty.

## Complete Service, Comprehensive Solutions

The DORMA O1 Series of automatic door operators is backed up by the largest automatic door Sales and Service Network in Australia. We offer design guidance and product support to ensure peace of mind throughout the life of your automatic door operator.

For sales assistance, specification advice or product service requirements please contact the DORMA Automatics sales and service office in your state.



## Integrated systems.



Door Control



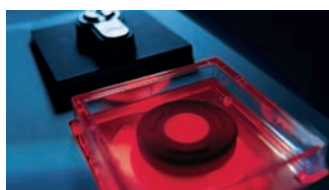
Automatics



Glass Fittings and Accessories



Movable Walls



Security/Time and Access (STA)

### HEAD OFFICE

#### **VICTORIA**

DORMA Automatics Pty Ltd  
46 Abbott Road  
Hallam, Victoria  
AUSTRALIA 3803  
Tel. +61 (3) 9796 4111  
Fax. +61 (3) 9796 3767

#### **NEW SOUTH WALES**

DORMA Automatics Pty Ltd  
Unit 1 block V 391 Park  
Road  
Regents Park, New South  
Wales  
AUSTRALIA 2143  
Tel. +61 (2) 9738 8222  
Fax. +61 (2) 9738 8022

#### **QUEENSLAND**

DORMA Automatics Pty Ltd  
44 Harries Road  
Coorparoo, Queensland  
AUSTRALIA 4151  
Tel. +61 (7) 3394 6800  
Fax. +61 (7) 3394 2953

#### **WESTERN AUSTRALIA**

DORMA Automatics Pty Ltd  
36 Crompton Road  
Rockingham, Western  
Australia  
AUSTRALIA 6168  
Tel. +61 (8) 9527 2981  
Fax. +61 (8) 9592 6242

#### **NEW ZEALAND**

DORMA NZ Limited  
20 Sylvia Park Road  
Mt Wellington, Auckland  
NEW ZEALAND  
Tel. +64 (9) 573 1999  
Fax. +64 (9) 573 1991

### AGENTS / DISTRIBUTORS

#### **SOUTH AUSTRALIA**

Stratford Services Pty Ltd  
2A Meredith Street  
Newton, South Australia  
AUSTRALIA 5074  
T: +61 (8) 8337 3077  
F: +61 (8) 8336 9431

#### **NORTHERN TERRITORY**

Architectural Hardware  
78 Winnellie Road  
Winnellie, Northern Territory  
AUSTRALIA 0821  
T: +61 (8) 8984 4566  
F: +61 (8) 8984 3339

### INTERNATIONAL OFFICES

#### **SAUDI ARABIA**

DORMA Arabia Automatic Doors Ltd  
T: +9663 847 4300  
F: +9663 847 2368

#### **UNITED ARAB EMIRATES**

DORMA Gulf Door Controls  
T: +971 4 802 0400  
F: +971 4 886 9100

#### **DORMA Middle East LLC**

T: +971 4 282 4424  
F: +971 4 282 5313

#### **SINGAPORE**

DORMA Far East Pte Ltd  
T: +65 6268 7633  
F: +65 6459 0137

#### **HONG KONG**

DORMA Door Controls Ltd  
T: + 852 2 503 4632  
F: + 852 2 887 5370

infoautomatics@dorma.com.au  
[www.dorma.com.au](http://www.dorma.com.au)