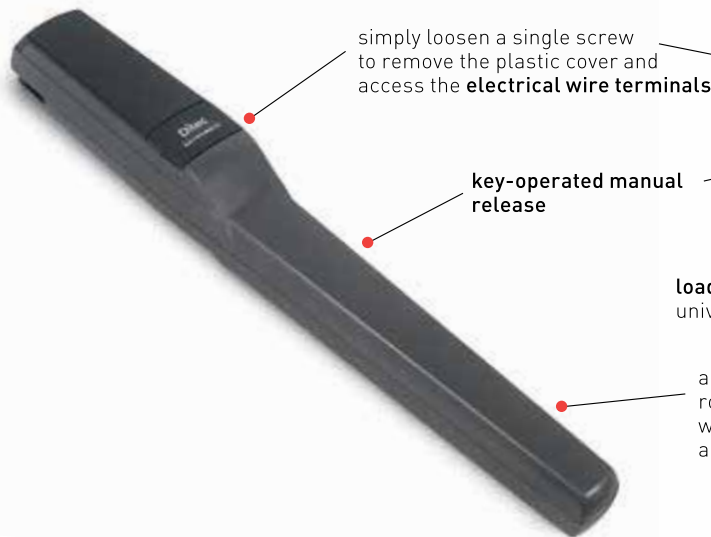


# CEDAS GATE & DOOR AUTOMATION



Cedas Ditec PWR is the new range of electromechanical actuators for swing gates in residential, condominium and industrial applications. They are designed and developed to ensure quality and strength, while making installation and maintenance easy. A complete series made up of: a motor for wings up to 2.5 m (Cedas Ditec PWR 25), a motor for wings up to 3.5 m (Cedas Ditec PWR 35) and three motors for wings up to 5 m (Cedas Ditec PWR 50 series).

## Cedas Ditec PWR 25 | For wings up to 2.5 m



## Cedas Ditec PWR 35 | For wings up to 3.5 m



### SIMPLIFIED installation

- automation system includes **asymmetric mechanical opening and closing stops**, for precise stop adjustment
- **one-handed installation**: the hexagonal impression avoid the usage of a second tool and makes it easier to attach the actuator to the column
- **pre-drilled plates** for fast installation, with **robust bushings** for optimum distribution of forces along the front connection pin

### THE RIGHT AUTOMATION SYSTEM for all applications

- set-up for **remote manual release**, useful when the automation system cannot be reached during an emergency (e.g. Automation system on single full wing, stuck open against the wall)
- **magnetic limit switch** provision (only on PWR35H) for more accurate speed adjustment during opening and closing
- ideal solution for applications which require **fast opening and closing**: 10 s/90° for Ditec PWR 25 and 14 s/90° for Ditec PWR 35

Hexagonal fitting



Asymmetric mechanical stop

Magnetic limit switch for PWR35H





# Cedas Ditec NEOS Sliding Gates



## POWERFUL

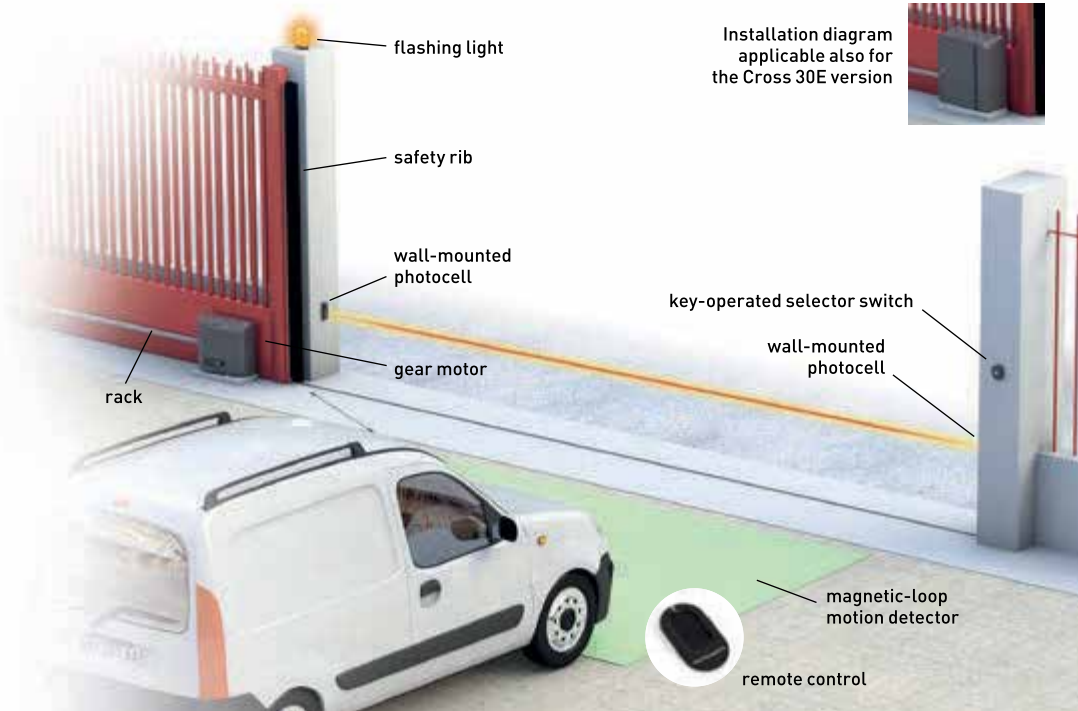
Single-phase electronic (230 V) and three-phase electronic (400 V) guarantee maximum performances even under adverse conditions, thanks to greater dynamic thrust during the initial phase of operation.



## VERSATILE

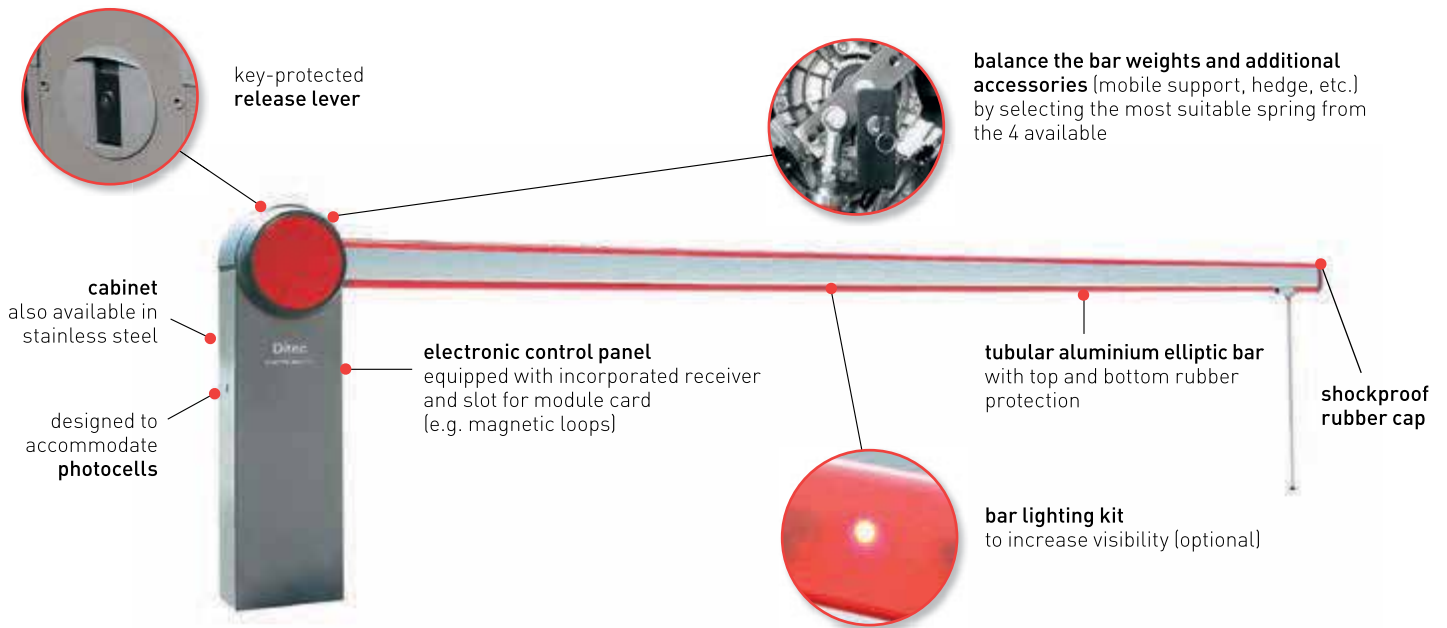
From the control panel, it is possible to precisely manage position and speed at all times, allowing adjustment for acceleration, deceleration, start time, slowdown distance and approach speed during opening and closing.

Discover the entire range of Cedas Ditec brand products and specific accessories at [www.cedas-uae.com](http://www.cedas-uae.com)



# Cedas Ditec Qik | Barrier Gates

Aluminium elliptic arm for openings ranging from 1.3 m to 5.8 m



## SETTINGS

adjustment made simple

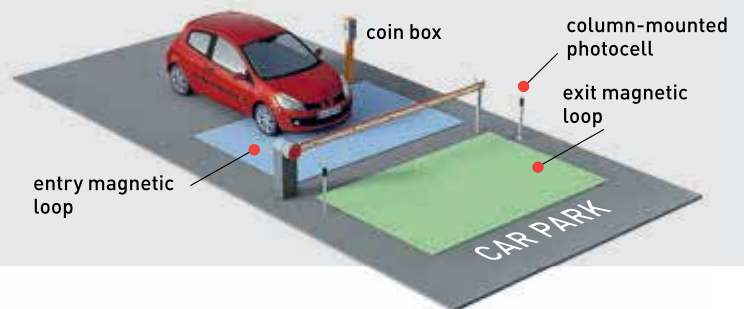
- trimmers for an easy speed adjustment during opening, closing and for automatic closing time
- force and braking space adjustment
- memory module for storing remote controls: if the control panel is replaced, the memory module can be mounted in a new control panel
- LED diagnostics on the control panel

## MANAGE CAR PARKS

that are bidirectional

**Ideal solution for car parks with bidirectional access:** access to the car park following authorisation or payment (e.g. coin box) while exit is free.

**With the M1QKC7 accessory, the barrier recognises the transit direction of the vehicle:** it disables the auxiliary control (exit magnetic loop) after releasing the safety device (e.g. photocells) only for incoming vehicles



# Cedas Ditec TOP | Sectional Doors



## TESTED QUALITY

An automation system that meets the **highest safety standards**: not only is it compliant with current European standards, it is **tested by TÜV**, an independent international organisation specialised in assessing technological safety and quality.



## INTELLIGENT

Cedas Ditec TOP includes a **fast self-learning procedure** that **automatically records the power input profile**, allowing the motor to self-regulate over time in case of increased friction and wear.



## 24 V DC

The 24 V DC encoder technology enables constant electronic control of the **impact forces and immediate obstacle detection** ensuring that the operating device is stopped or the motion is inverted (if configured).

Discover the entire range of Cedas Ditec brand products and specific accessories at [www.cedas-uae.com](http://www.cedas-uae.com)

**Cedas Ditec TOP** is a next-generation automation system for garage doors that is powerful, fast, and quiet, produced with high-quality materials. **The range includes two different 24 V DC motors for 600 and 1000 N** that allow control of doors of up to 210 kg and over 17 m<sup>2</sup> surface area.





# Cedas Ditec Dod | Industrial Doors

## Ease of installation

Fitted onto the drive shaft or with pinion and chain transmission, it makes other movement devices superfluous, with consequent savings in installation time and cost of materials. Adjustable rotary limit switch group. The opening cycles managed by the gear motor help preserve the entire mechanics of the sectional overhead door over time. The small and compact dimensions of the gear motor make it suitable even for applications where space is restricted. The Cedas Ditec Dod automation is complete with safety accessories and controls in compliance with standards in force.

### Cedas Ditec Dod - Specimen installation

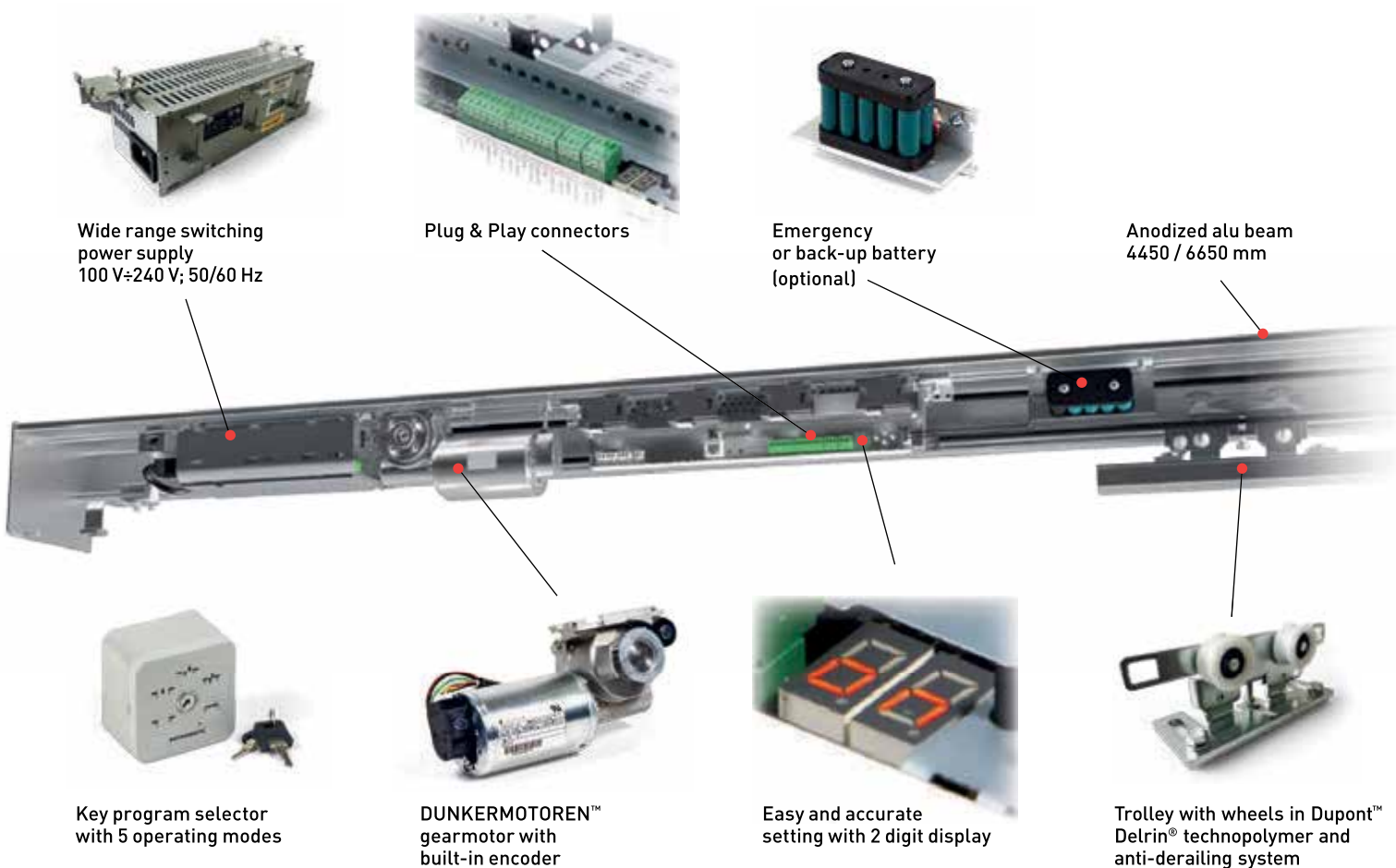


## Technical specifications

Description	Dod 14	Dod 15
Electromechanical actuator	for sectional doors	for sectional doors
Stroke control	rotary limit switch	rotary limit switch
Service index	4 - intensive	4 - intensive
Intermittent operation	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%
Power absorption	230 V AC / 50 Hz	400 V AC / 50 Hz
Power input	3 A	1.2 A
Torque / Thrust	60 Nm	65 Nm
Drive shaft rpm	22 RPM	32 RPM
Release system for manual opening	with chain with crank	with chain with crank
Operating temperature	-20°C / +55°C (-35°C / +55°C with NIO enabled)	-20°C / +55°C
Protection level	IP 40	IP 40
Product dimensions (mm)	135x264x350	135x264x350
Control panel	E1A	E1T

# Cedas Ditec DAS | Sliding Glass Doors

**Cedas Ditec DAS107PLUS** is the **new competitive solution** incorporating Entrematic's world renowned high quality and expertise. A new sliding door operator able to satisfy all requirements in **standard commercial environments** with frame weight up to 160 kg. Designed to be **easy and fast** to install, Ditec DAS107PLUS is the perfect choice for professionals in door automation who **look for low inventory cost** and **ease of maintenance**.



## SMART DESIGN: slim and comfortable!

120 mm height is the right size to have a slim automation with a friendly installation and maintenance.

With a **neutral and pleasant aesthetic** Cedas Ditec DAS107PLUS meets the requirements of modern buildings.



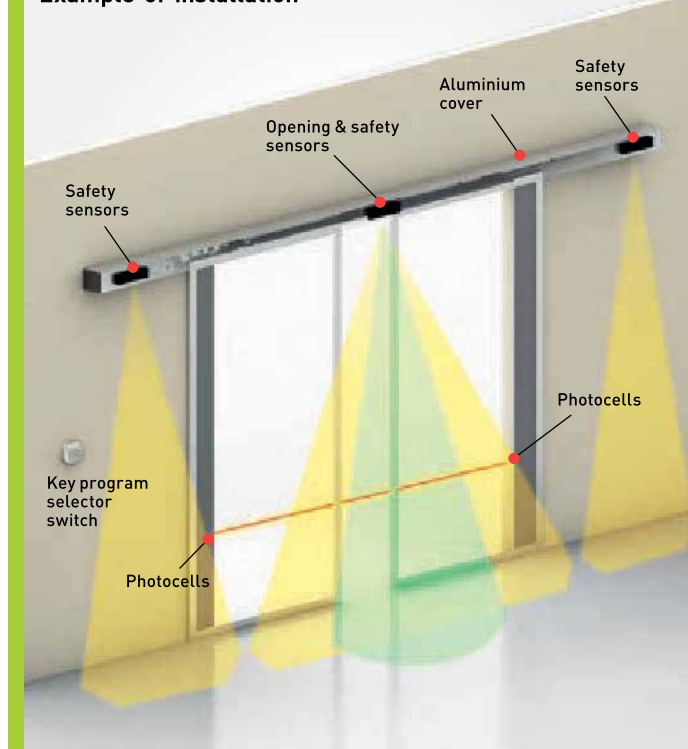
## Technical data

Description	automation for sliding doors
Drive type	electromechanical unit
Gearmotor	24 V DC with encoder
Power supply	100 V ÷ 240 V 50/60 Hz
Max nominal power	75 W
Auxiliary power	0.64 A @ 24 V DC
Operating temperature	-20°C / +50°C
Protection rating	IP20
Dimensions (H x D x L)	120x140xL mm
Max operator length	5600 mm

## Door performance

Max door panel weight	120 kg (1 wing) / 160 kg (2 wings)
Opening and closing speed	1.0 m/s bi-part door (adjustable)
Hold open time	0-60 s (adjustable)
Max clear passage (with 50 mm overlap fixed/mobile)	2715 mm (1 wing) 1370 mm x 2 (2 wings)
Endurance test	1 M cycles

## Example of installation



## Specific accessories

### DAS801L0K

secure lock with external handle release



### DAS801LOKA

safe lock

### DAS107B44NP - DAS107B66NP

casing L = 4450 / 6650 mm  
ALU anodized EURAS C0



### DAS107C44GP - DAS107C66GP

cover L = 4450 / 6650 mm  
mill finish



### DAS107C44NP - DAS107C66NP

cover L = 4450 / 6650 mm  
ALU anodized EURAS C0



### DAS901BAT1

battery kit, 12 V power supply  
for emergency use only



### DAS902BAT2

battery kit, 24 V power supply  
for back-up use



### DAS11M8

fixing plates kit for AC1356, PAM16 and  
PAM30



### DAS18M8

fixing plates kit for AC4255 and AC4870



### DAS40M8

fixing plates kit for ALU48



Cedas Ditec DAS107PLUS is available as an assembly kit, including all parts to set-up an **operator**, including door holder and fixing plates for commercial frame (2995). It comes in a compact package easy to stock and transport.





**Cedas Ditec DAB105 ensures access without barriers and ease of operation.**

**Discover the features that make it unique**

### Performance

- High performance with up to 200 kg door weight and mechanical servo-assisted operator, encoder controlled
- Reliable operator: strong components and real time self monitoring of the operator status
- Safety guaranteed by technological features, opening control system, and motion-detection safety signal
- Very low noise level
- Many additional advanced features make Cedas Ditec DAB105 a best in class product

### Convenient & flexible

- Easy installation, set-up and maintenance in the available PUSH and PULL versions
- Easy program selection to expand functions (with a card) if necessary
- One operator matches specific installation requirements (double leaf doors, installations in presence of wind, key controlled access)
- Easy to order: 1 item alone includes operator + cover (just add arm)
- Power assisted: the entire opening operation is carried out by low, motor assisted power making it an ideal solution for users with or without disabilities

### Safe & reliable

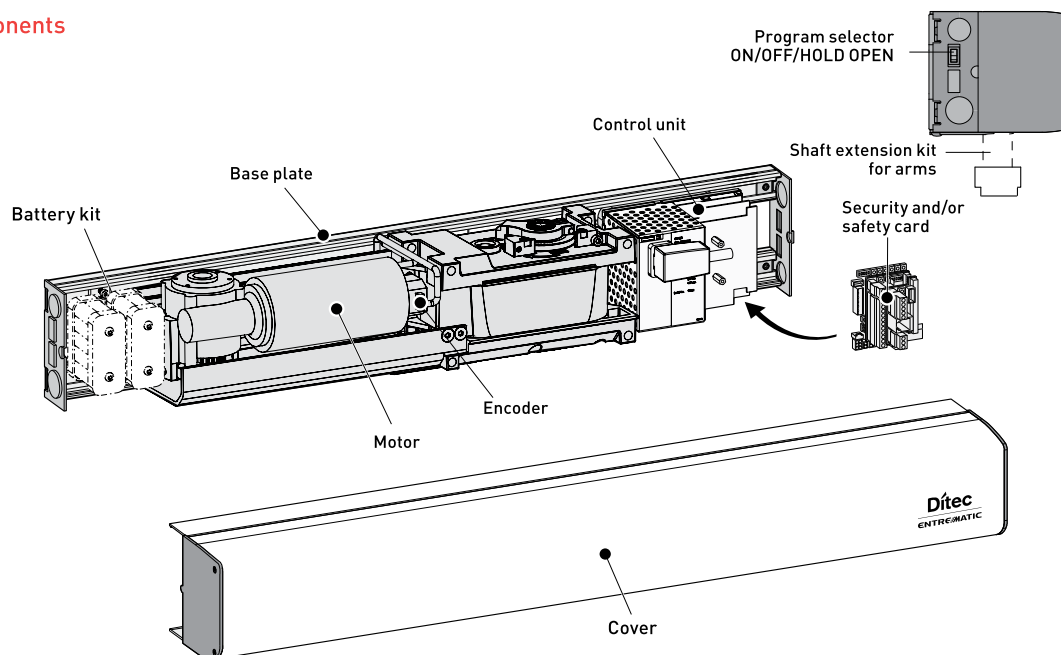
- Several operating modes to match different demands (PUSH&GO, power assist, key impulse)
- LOW ENERGY mode and battery kit available
- Convenient operator control via sensors, switch, program and key selectors
- Ditec DAB105 has obtained SP SITAC and Exova Warrington Test Report certification for use on fire doors. For more details, contact our Technical Sales Office

### Main features

Type of operation	motor opening, spring and motor closing
Kinematic management	encoder
Maximum capacity (see operation diagram)	200 kg
Duration test	1,000,000 door cycles
Protection rating	IP 20
Electrical protection	class I
Operating temperature	-20°C / +45°C
Opening time	3 ÷ 6 s/(10-80°) (adjustable)
Closing time	3 ÷ 6 s/(90°-10°) (adjustable)
Door open pause time	1,5 ÷ 30 s
Product dimensions (mm)	111x131x720
Product weight	13.9 kg



### Main components





Note: Certain equipment and features illustrated or described in this product bulletin are optional at extra cost unless otherwise specified. CEDAS reserves the right to discontinue or change specifications, models and equipment without notice or obligation. Several features may not be available for all models, in keeping with its policy of continuous product improvement.

CEDAS ELEVATORS & FABRICATION LLC

P.O. Box: 8190

Ajman, U.A.E.

Tel.: +971 6 743 7667

Fax: +971 6 748 4131

[sales@cedas-uae.com](mailto:sales@cedas-uae.com)

[www.cedas-uae.com](http://www.cedas-uae.com)

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