



When building the system, only use Ditec accessories and safety devices.  
 Every Ditec automation features CE marking and is designed and built in compliance with the safety requirements of the Machinery Directive (2006/42/EC), of the Electromagnetic Compatibility Directive (2004/108/EC) and of the Low Voltage Directive (2006/95/EC) and of other Directives, laws, specific standards for special products and situations.  
 The Company reserves the right to make changes which may improve the products.  
 For this reason, the technical details given are not binding.  
 Pictures were taken with the consent of those concerned or in public locations.  
 Further information can be found in the Technical Manuals available at the website: [www.ditecentrematic.com](http://www.ditecentrematic.com)

## Ditec automatic pedestrian sliding doors

EN

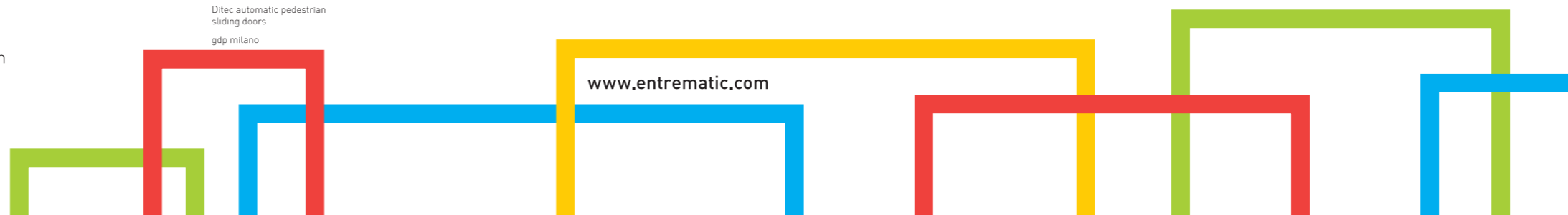


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Ditec automatic pedestrian sliding doors  
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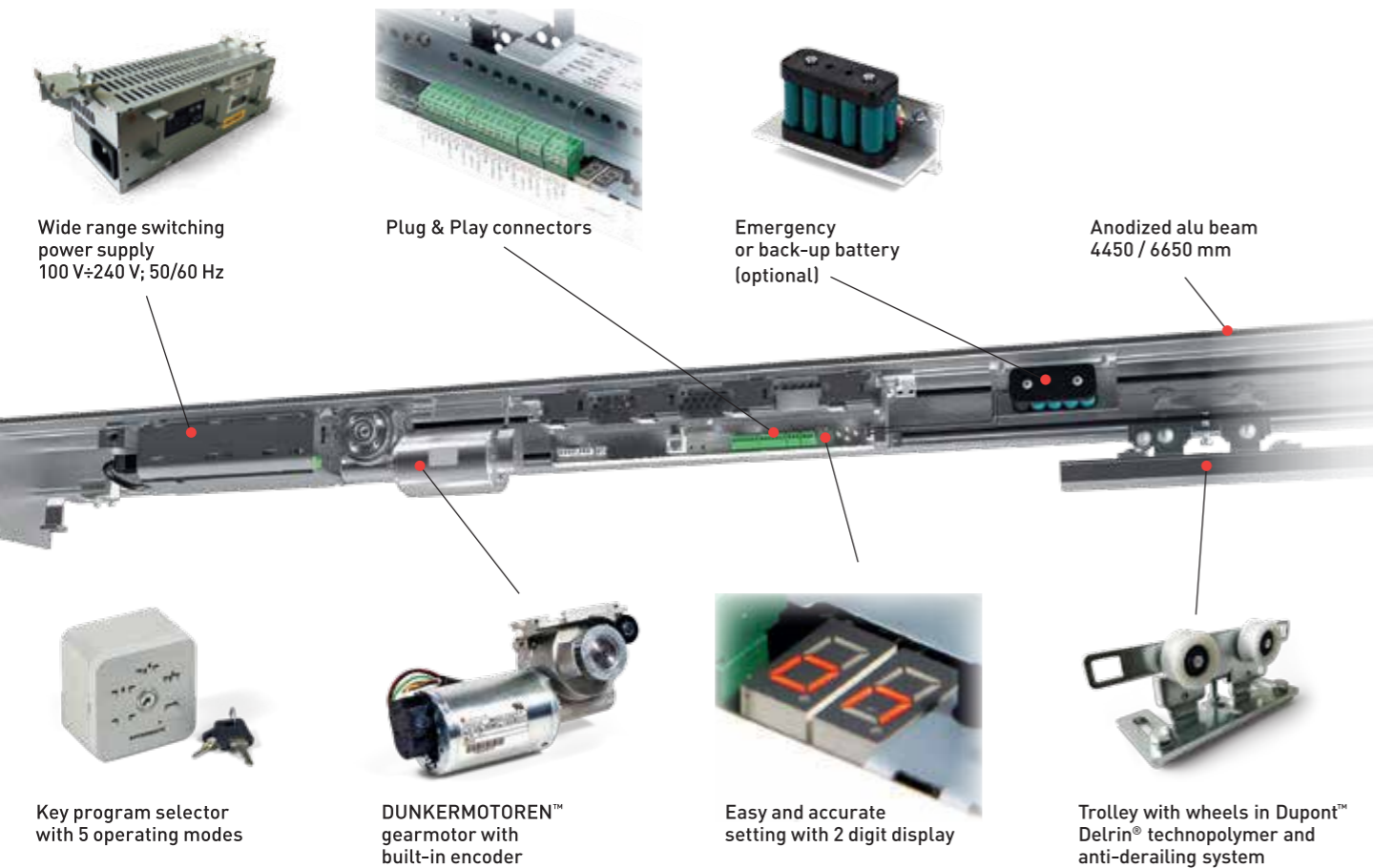
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# Ditec DAS107PLUS

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**.



## 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

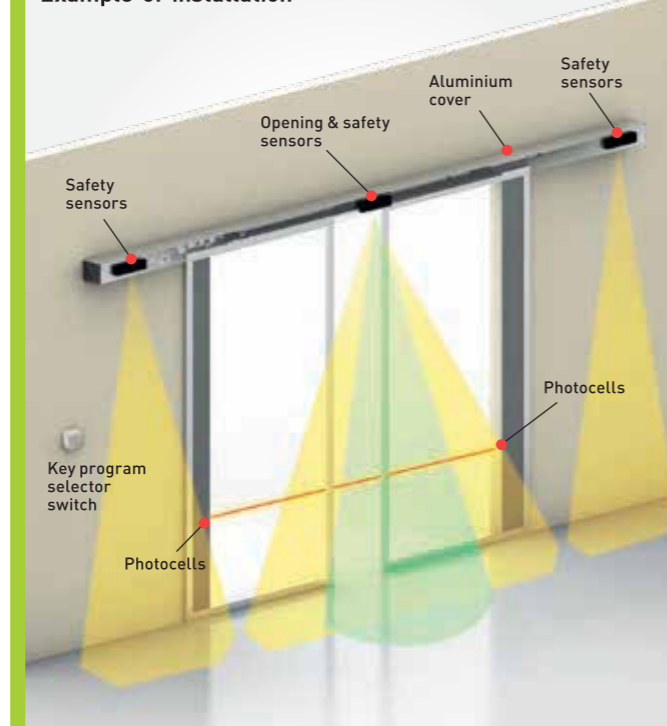
## Door performance

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 (xed/mobile))	2715 mm (1 wing) 1370 mm x 2 (2 wings)
Endurance test	1 M cycles

## 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 Ditec DAS107PLUS meets the requirements of modern buildings.

## Example of installation



# Automation, dedicated frames and accessories

## Painstaking care for details

Ditec provides a complete range of frames and accessories dedicated especially to special applications and controlled atmosphere environments, included with the automation.

## Ditec Pam H60 01 02 03

### HPL laminate and AISI 304 stainless steel laminate panels

Wing for sliding door consisting of rounded extruded aluminium frame and panel. Wing thickness 60 mm with non-toxic silicon perimeter seals. The external profile is perfectly flush and sealed with non-toxic silicon.

The internal panel consists of a sandwich of two HPL laminate plates, plus two 5 mm thick MDF class 1 (reproof panels) and an extruded high-density self-extinguishing polyester sheet. The panel can be surfaced with melamine laminate or AISI 304 stainless steel laminate in scotch brite finish.

## Ditec Pam H60 01 02

### Stainless steel frame

Wing for sliding door made entirely of press-formed AISI 304 satin stainless steel in Scotch Brite finish, 60 mm thick, featuring a very wide radius and non-toxic silicon perimeter seals.

The interior of the wing is reinforced with polyurethane foam. The frame is made of AISI 304 satin stainless steel in scotch brite finish to cover the ridge of the sliding doors.



The frame has a U-section, which also features a very wide radius, and is made in three pieces.

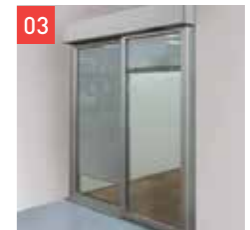
## Ditec Pam H60 03

### Framed wing with double glazing

Wing for sliding door consisting of rounded extruded aluminium frame and double glazing. Wing thickness 60 mm with non-toxic silicon perimeter seals.

The wing profile is equipped with a purpose-designed adapter which allows the glazing to be fitted and secured in place with specially-provided glazing beads.

The dimensions envisaged are accomplished using two plates of 3+3 transparent laminated safety glass with an intermediate chamber of 20 mm.



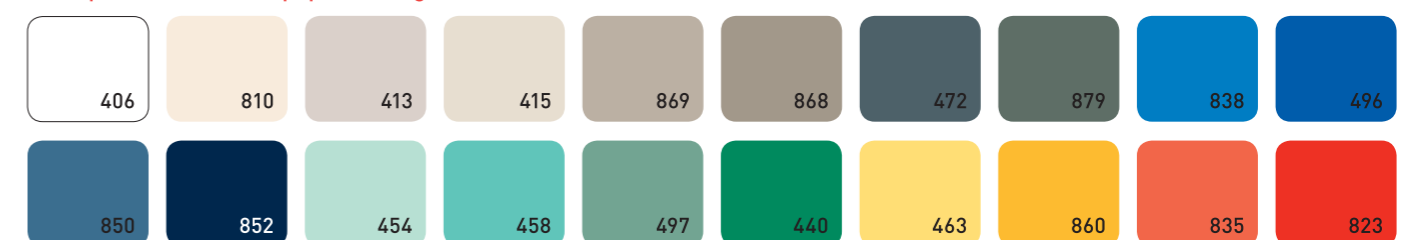
## Accessories

- Flush-fit 600 x 400 mm rectangular window
- Flush-fit ø 400 mm circular window
- 1, 2 or 3 mm thick lead screening
- Rising pull handle

For further details: please refer to the price list.



## Examples of the most popular wing colours



# Technical profiles

## Entrance example

### Ditec Valor HS 01

Automation for doors with semi-hermetic closure

The wing enables a partial seal, with a stop on the frame's vertical jambs and contact on the lintel and the floor.

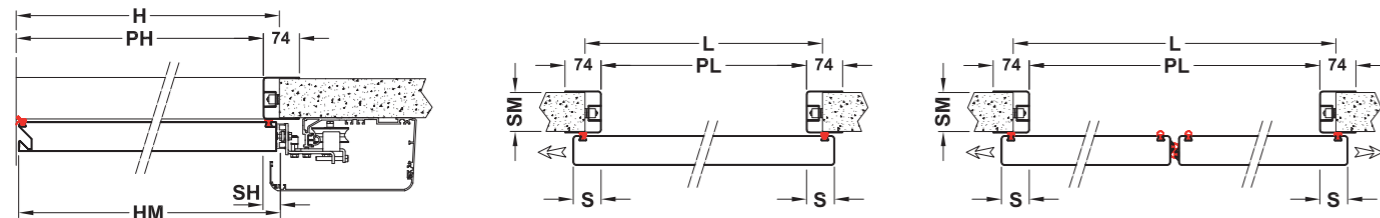
### Ditec Valor HH 02

Automation for doors with hermetic closing on all 4 sides

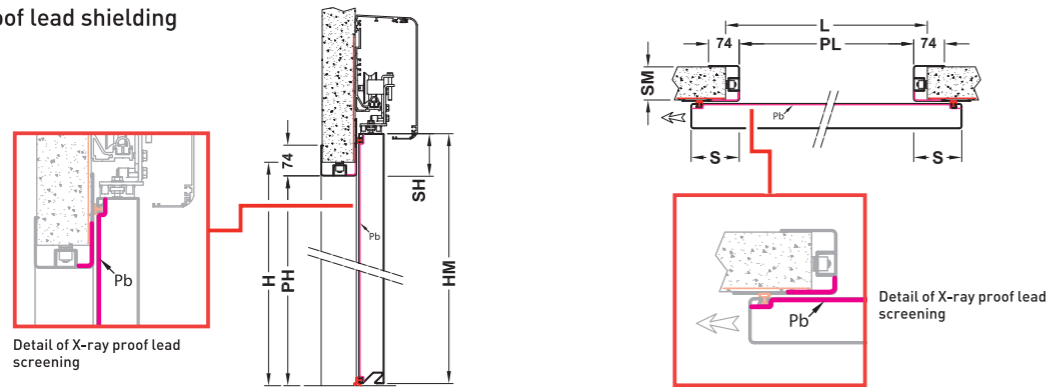
As it closes, the wing moves vertically and horizontally to press the seals against the entire perimeter of the frame and on the floor.



### Without screening



### With X-ray proof lead shielding



# Technical specifications

	Valor HS	Valor HH
Description	wings with seal	wings with hermetic seal
Stroke control	encoder	encoder
Capacity	class 4: 200 kg (1 wing) / 340 kg (2 wings) class 5: 170 kg (1 wing) / 300 kg (2 wings)	class 4: 200 kg (1 wing) / 200 kg (2 wings) class 5: 160 kg (1 wing) / 160 kg (2 wings)
Capacity with 2 wheels per runner	class 5: 300 kg (1 wing) / 360 kg (2 wings) class 6: 220 kg (1 wing) / 300 kg (2 wings)	
Capacity with 2 wheels per runner and 3rd runner	class 4: 450 kg (1 wing) / 500 kg (2 wings) class 5: 350 kg (1 wing) / 400 kg (2 wings)	
Duty class	4 - heavy duty 5 - very heavy duty 6 - continuous	4 - heavy duty 5 - very heavy duty 1 wing < 160 kg / 2 wings < 160 kg
Intermittent operation	class 4: S2 = 20 min / S3 = 30% class 5: S2 = 60 min / S3 = 60% class 6: S3 = 100%	class 4: S2 = 20 min / S3 = 30% class 5: S2 = 60 min / S3 = 60%
Power supply	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz
Power input	1 A	1 A
Maximum opening speed	0.5 m/s (1 wing) / 1.0 m/s (2 wings)	0.5 m/s (1 wing) / 1.0 m/s (2 wings)
Maximum closing speed	0.5 m/s (1 wing) / 1.0 m/s (2 wings)	0.5 m/s (1 wing) / 1.0 m/s (2 wings)
Release system for manual opening	handle type	
Operating temperature	-20°C / +55°C (-10°C / +50°C with batteries)	+2°C / +55°C (+2°C / +50°C with batteries)
Protection rating	IP 20	IP 20
Product dimensions (mm)	150 x 300 x L	150 x 300 x L
Control panel	EL32 (built-in)	EL32 (built-in)

# Quality and performances without compromises



## QUALITY & RELIABILITY

Ditec DAS107PLUS is the new sliding door operator focusing on the needs of our customers and featuring **high quality components at the right value:**

- Performing electromechanical operator for up to **160 kg** door weight
- Tested up to **1 Million cycles**
- Long-lasting automation with 24 V DC **DUNKERMOTOREN™** with **built-in Encoder**
- Reinforced techno-polymer wheels in **DUPONT™ Delrin®**
- Fully **certified** and tested by **TÜV SÜD**



## TIME SAVING INSTALLATION

Designed for a simple and efficient installation, few components to assemble and few steps to set-up. Ditec DAS107PLUS is **the time saving solution** for any need:

- **Plug & Play** connectors
- **Automatic self-learning** start-up mode, with **auto detection** of:
  - weight of wings
  - passage opening
  - presence of locking device and typology (fail safe, fail secure)
  - emergency and back-up batteries
- Easy and accurate CU setting with **digital programming** and just few key parameters
- **Switching power supply** covering a wide range of electric voltages (100 V-240 V; 50/60 Hz)
- **Easy adjustment** of trolleys and belt



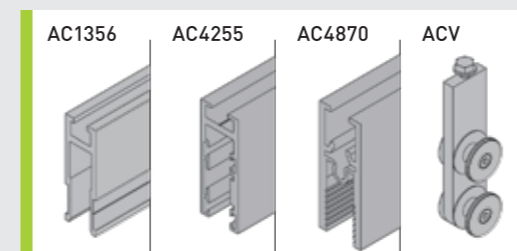
## EASY LOGISTICS

Ditec DAS107PLUS is the solution to optimize **stock value and manage logistics:**

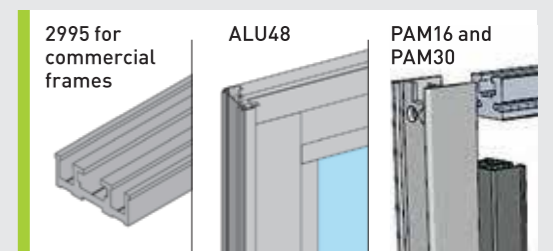
- Easy to order: **1 kit, 1 beam and 1 cover** and you're ready to start with your **operator**
- The convenient kit item includes power supply, gear motor, control unit, trolleys, program selector and brackets
- Beam and cover available length: **4450 and 6650 mm**
- Selected range of accessories to complete your installation
- **One door holder** for every application, designed in conjunction with **Ditec glass profile**, **Ditec PAM and ALU profile** series and any **commercial frames**



## GLASS WING



## FRAMED WING



## FULL COMPLIANCE WITH EU DIRECTIVES AND STANDARDS

2014/30/EU - EMC - Electromagnetic Compatibility Directive

2006/42/EC - Machines Directive

Harmonised EU Standards: EN 16005:2012; DIN 18650-1:2010; EN ISO 13849-1:2015; EN 60335-1:2012/A11:2014;

EN 60335-2-103:2015 (certified by TÜV SÜD); EN 61000-6-3:2007+A1:2011



## OUR EXPERTISE AT YOUR SERVICE

A complete range. A dedicated team of specialists. Excellent technology and design. Passionate to be different.

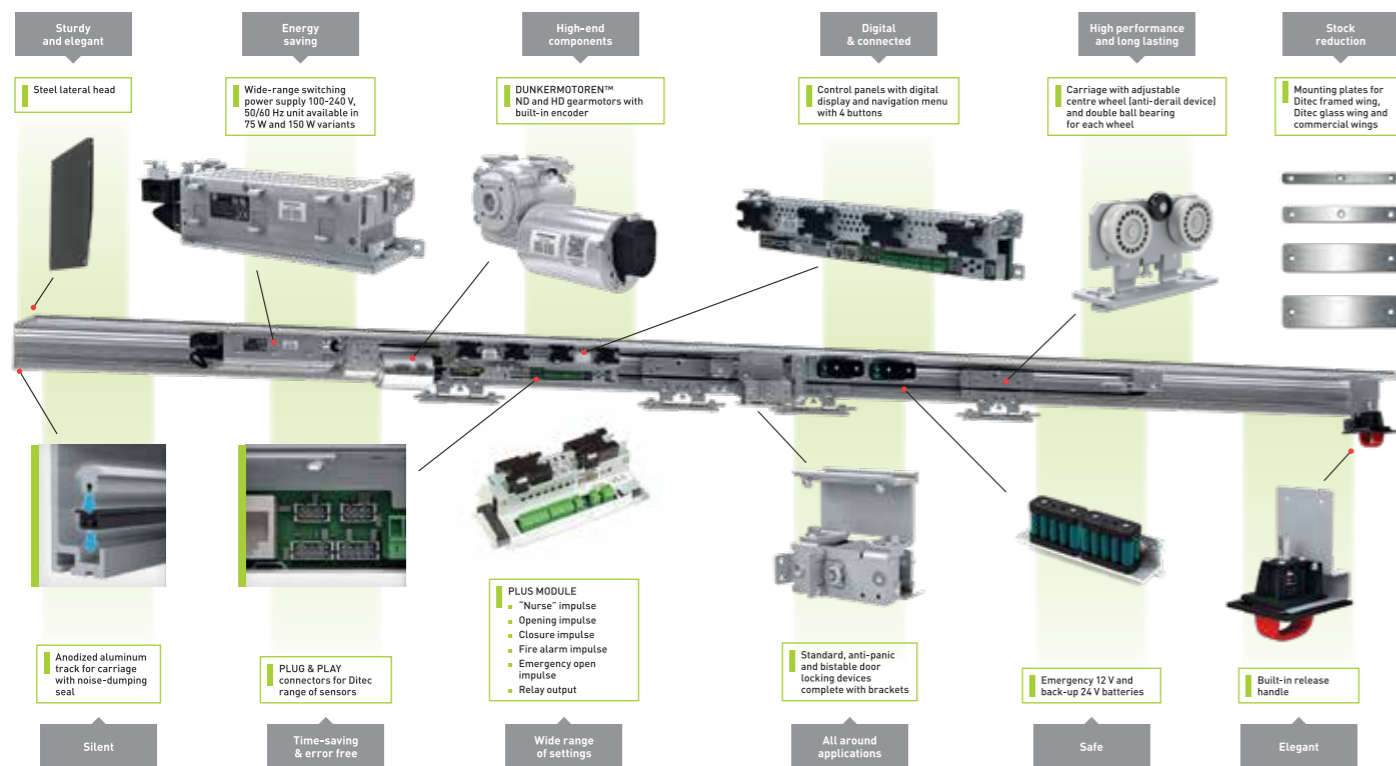
Entrematic is a commercial partner with a complete range in the entrance-automation sector, which combines specialised know-how and high-profile brands.

The Ditec brand has been a world leader for more than 40 years, offering a **complete range of automation systems for gates, automatic doors and high-speed doors.**

# Ditec DAS200

Smart and charming. High tech, Easy way  
Superior performance. New design, new accessories

Designed for installers, optimized for customer experience. Top quality in any detail



## Technical specifications

	DAS200	DAS200HD	DAS200T
Description	automation for sliding doors	automation for sliding doors	automation for telescopic sliding doors
Max. wing weight	120 kg (1 wing) 200 kg (2 wings)	150 kg (1 wing) 280 kg (2 wings)	240 kg (1+1 wings) 320 kg (2+2 wings)
Clear passage	715 - 3215 mm (1 wing) 790 - 3240 mm (2 wings)	715 - 3215 mm (1 wing) 840 - 3240 mm (2 wings)	1103 - 4320 mm (1+1 wings) 1600 - 4320 mm (2+2 wings)
Product dimensions (HxWxL)	120 x 185 x L mm	120 x 185 x L mm	120 x 265 x L mm
Max. opening and closing speed (2 wings)	1.6 m/s	1.6 m/s	1.6 m/s
Power supply	110 V ~/240 V ~ 50/60 Hz	110 V ~/240 V ~ 50/60 Hz	110 V ~/240 V ~ 50/60 Hz
Power supply rated power	75 W	150 W	150 W
Accessories power supply	24 V=/0.64 A	24 V=/1 A	24 V=/1 A
Protection rating	IP20	IP20	IP20
Approvals	TÜV	TÜV	TÜV
Control panel	1DAS20QE	1DAS20HDQE	1DAS20HDQE

# Ditec Valor HS and Ditec Valor HH

## Automatic pedestrian doors for controlled atmosphere environments

### Automation designed for specialist environments.

Ditec Valor HS and Ditec Valor HH offer solutions which are particularly suited to sectors where certain specific characteristics of the seal are deemed indispensable.

Ditec Valor HS and Ditec Valor HH automatic doors are especially suitable for:

#### Hospital / healthcare environments

- operating theatres
- radiology rooms
- clean rooms
- controlled atmosphere environments (hospitals, clinics, rehabilitation centres, care homes, disabled centres, rest homes, multi-purpose surgeries, doctors' surgeries, dentists' surgeries)

#### Other sectors

- pharmaceutical industry
- recording rooms and sound-insulated environments
- electronics laboratories
- analysis laboratories (pharmaceutical and/or chemical sector)
- applications on ships
- applications with heavy wings

**Ditec Valor HS** automation for doors with seals, where the wing provides for partial seal, with a specially designed guard.

**Ditec Valor HH** this automation is hermetically sealed on all four sides, and the wing – on closing – drops and slides to compress the seal against the jamb along the perimeter.

## A complete range

### Super silent operation

All versions feature super silent operation, thanks to the anti-vibration seals, making them ideal for environments where comfort, silence and a warm welcome are indispensable and fundamental requirements.

### Maximum hygiene

The rounded guard and the screwless visible heads prevent dust from building up, making cleaning easy. Electrostatic energy that may have accumulated on the moving wings is permanently discharged, thus avoiding the build-up of dust too. Automatic doors must guarantee freedom of movement in absolute hygiene and safety both for patients and healthcare workers, without coming into manual contact with the actual doors. The entire range accommodates these needs fully.

### Maximum safety

The motion detectors can be built into the automation and concealed. Consequently, they prevent the classic build-up of dust on elements outside the guard.

They also ensure protection not only in the doorway but also in the side opening movement of the wings, preventing accidental impact with unforeseen obstacles. They are indispensable when stretchers and wheelchairs are passing and may not be detected by traditional photocells.

### Maximum capacity

The HS version fully satisfies the requirements of the radiologic sector, where wings are moved which are shielded against X-rays with lead protection that determine significant weight.

### Maximum availability of finishes

Ditec Valor HS and Ditec Valor HH automatic entrances are available in all RAL colours, in anodised finishes (from natural silver to polished titanium) with panels surfaced in HPL laminate in the Abet/Print range of colours. Ditec Valor HS and Ditec Valor HH can also be equipped with AISI 304 stainless steel guards and wings in scotch brite finish.

# Ditec Valor | a true professionals' choice



## COMPLETE RANGE

- **Light casing** for maximum capacity of **200 kg** (2 wings)
- **Reinforced casing** for maximum capacity of **300 kg** (2 wings)
- **Telescopic** application with a maximum opening of **4.3 m** and maximum capacity of **260 kg** (2 + 2 wings)
- Anti-panic **breakout** and **redundant** systems
- Complete wing mounting system for all Ditec profiles and the most common commercially available profiles, including various solutions for glass wings



## QUALITY AND PERFORMANCE

- **Advanced electronics** thanks to the electronic control panel with all adjustments integrated in the cover
- **MD1 display module**, integrated in the cover or wall-mounted, for monitoring and adjusting functions
- Built-in photocell amplifier
- **Self-adjustment of the passageway** and opening time based on the flow of people passing through
- Safety sensors and release handle integrated in the cover



## SAFE AND RELIABLE

- **MP1 module** for dedicated electrical connections and for checking battery charge
- Anodised track profile with **anti-vibration support** for reduced wear
- System tested for up to **1,000,000 cycles** as per applicable standards



## Intelligent

The Ditec DAS operator is conceived to cater for all possible applications with **precision** and in **complete safety**

- **Smart start-up** mode with **self-acquisition function**, including automatic detection and recognition of:
  - Passage opening
  - Door weight
  - Presence and type of lock devices (standard and anti-panic)
  - Emergency and backup batteries
- Superior **energy efficiency** with a **switching power supply unit** offering a wide range of operating voltages
- **Digital programming** with over 90 parameters including **speed**, **timer**, **position** and **emergency function** parameters



## Innovative design



Ditec DAS is designed with the ambitious goal to be an **extremely elegant door system** but at the same time **modular** and **practical**

- The **arrow design** on the front creates a **distinctive identity** that is easily recognizable and gives the product a **slim** (120 mm height of cover) and elegant look
- The horizontally breakline creates a bold and **strong brand image**



The Ditec design is intended to **make customers' lives easier** and to **optimise stock** management and logistics

- Just **one casing** for all the operators of the DAS family
- A **practical, lightweight rear beam** only for **telescopic** application for a quick and safe installation, **reducing the complexity** of the stock
- The **same carriage unit** and door holder for all applications (Ditec framed and glass panel doors, commercial doors)
- Steel lateral heads for a **secure mechanical connection**



## Easy to install

A professional and extremely simple and quick to (t) automation system which **significantly saves installation time**

- **FAST & SAFE** system to (x) components to beam
- **Simple** and **easily accessible** mechanical adjustment of components such as the carriage, door holder, locking device and drive belt
- Dedicated **PLUG & PLAY** connectors for all main components, such as the power supply unit, electrical board and motor
- Dedicated **PLUG & PLAY** connectors for accessories such as batteries and **sensors** (both opening and safety sensors and safety sensors only)
- **EASY ACCESS** for installing and service action due to a **rotating mechanism** that allows the cover to be opened simply and quickly



## Technical specifications of available models

	VALOR L	VALOR P	VALOR N	VALOR T
Description	automation for sliding doors	automation for sliding doors	automation for sliding doors	automation for telescopic sliding doors
Special uses	breakout and redundant emergency exits,	breakout and redundant emergency exits	breakout and redundant emergency exits	redundant emergency exits
Stroke control	encoder	encoder	encoder	encoder
Max. leaf weight	100 kg (1 wing) 180 kg (2 wings)	120 kg (1 wing) 220 kg (2 wings) 100 kg (1 breakout wing) 180 kg (2 breakout wings)	120 kg (1 wing) 240 kg (2 wings)	200 kg (2 wings) 260 kg (4 wings)
Capacity with reinforced wheels			150 kg (1 wing) 300 kg (2 wings)	
Maximum passageway opening mm	1 wing = 3215 2 wings = 3240	1 wing = 3215 2 wings = 3240	1 wing = 3215 2 wings = 3240	1+1 wing = 4306 2+2 wings = 4323
Duration test	1 million cycles	1 million cycles	1 million cycles	1 million cycles
Power supply	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz
Power input	1 A	1 A (1.6 A with wing weight > 200 kg)	1 A (1.6 A with wing weight > 200 kg)	1 A
Maximum opening and closing speed	0.8 m/s (1 wing) 1.6 m/s (2 wings)	0.8 m/s (1 wing) 1.6 m/s (2 wings) 1.2 m/s (2 wings with weight > 200 kg)	0.8 m/s (1 wing) 1.6 m/s (2 wings) 1.2 m/s (2 wings with weight > 200 kg)	0.8 m/s (2 wings) 1.6 m/s (4 wings)
Release system for manual opening	handle can be integrated into the head	handle can be integrated into the head	handle can be integrated into the head	handle
Operating temperature	-20°C / +55°C [-10°C/+50°C with batteries]	-20°C / +55°C [-10°C/+50°C with batteries]	-20°C / +55°C [-10°C/+50°C with batteries]	-20°C / +55°C [-10°C/+50°C with batteries]
Protection rating	IP 20	IP 20	IP 20	IP 20
Product dimensions mm (H x P x L)	145 x 175 x L	145 x 175 x L	145 x 175 x L	145 x 255 x L
Approvals	TÜV	TÜV	TÜV	TÜV
Control panel	EL20 (incorporated)	EL20 (incorporated)	EL20 (incorporated)	EL20 (incorporated)



## Smart things

Ditec offers two different **App** based solutions - one of the **end user** and one for the **installer** - for a smart management and control of DAS automatic doors

### ENTREMATIC DOOR CONNECT



For use with latest generation Bluetooth-equipped COM501 and COM502 program selectors, offering the **end user**

### SLIDER CONFIGURATION TOOL



An **advanced software** (DAS900CT) for **installers**, allowing the **complete configuration** and management of DAS200 doors from a tablet or handheld device (requires DAS900CTI interface).

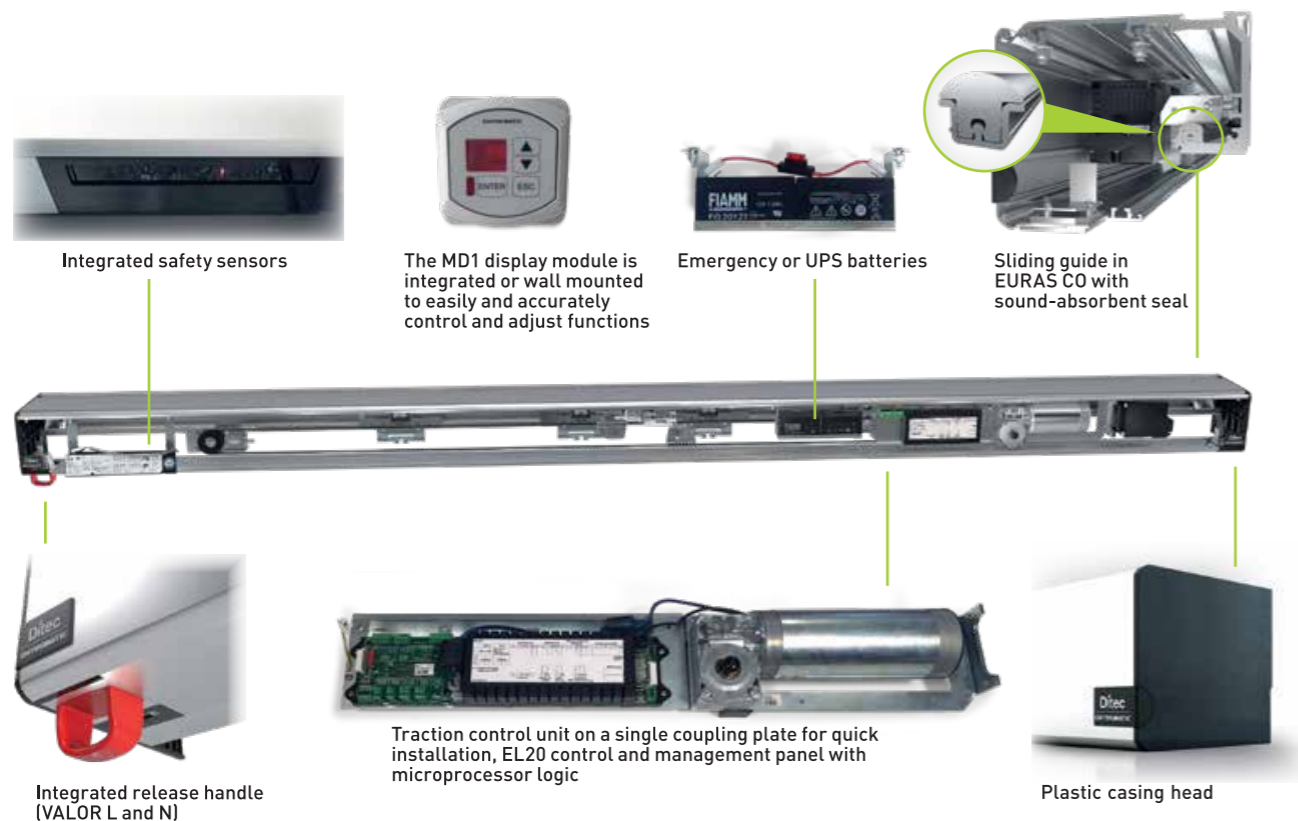


Free App available on Play Store and App Store



# Ditec Valor | elegant, versatile, quiet

Ditec Valor is the automatic sliding door capable of meeting the most demanding requirements in a commercial environment. Designed to offer an elegant product (numerous accessories and fittings can be integrated into the cover), versatile (several combinations of casings and motors for all services) and quiet (sound-absorbent seals), it is available also in a telescopic version for installations in compact spaces. It has 3 different blocking versions (standard, anti-panic and bi-stable) and combines with a series of PAM profiles (glass wing, PAM 16, PAM 23 and PAM 30), ALU48 and is adaptable to the commercial profiles and with mechanical breakout systems.



## A complete range



### VALOR L - VALOR P

A highly versatile range thanks to the possibility of combining two different motors with the light casing, for intense use up to 180 kg (Valor L) and to 220 Kg (Valor P). Refined beauty thanks to the numerous accessories which can be integrated into the cover. Valor is designed to respond to every need in the commercial field.

### VALOR N

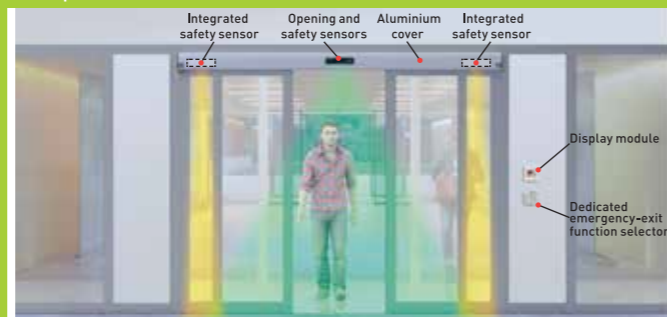
The elegance of the Valor range when continual use is also required. Thanks to reinforced casing and trolleys Valor N reaches capacities up to 300 kg, conserving the easy installation and maintenance of the Valor family.

### VALOR T

"Intelligent" second-wing drive system to reduce installation times, wing in axis with the trolleys to cut friction and guarantee the maximum quietness, passageway up to 4.3 m. Valor T is the top in telescopic applications.



### Example of installation



## Systems for emergency exits: breakout

Ditec Valor provides reliable opening and closing along emergency exits: the solutions are a redundant system and an anti-panic breakout system.

Combined with the Ditec ALU48 profile series three anti-panic opening systems are available:

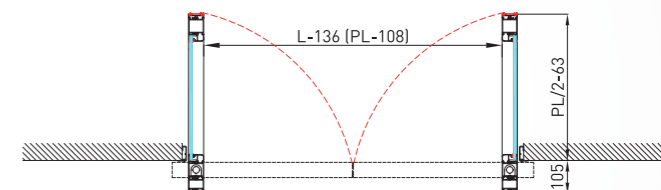
- SBO: breakout system for inward sliding wings
- RBO: breakout system for outward sliding wings
- TBO: integral mobile-wing and fixed-wing breakout



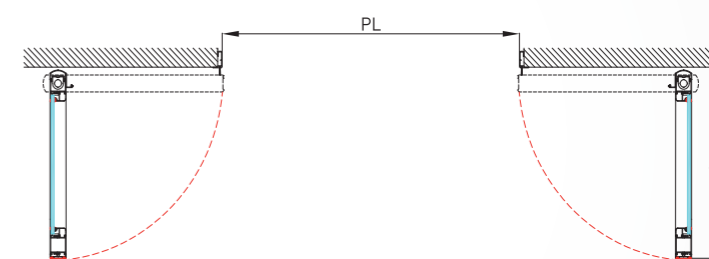
### Technical specifications

Passageway 1 wing	700 - 1300 mm
Passageway 2 wings	1400 - 2600 mm
Max. leaf weight	1 x 120 kg; 2 x 120 kg

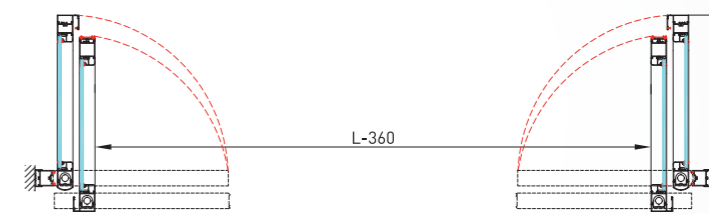
### SBO



### RBO



### TBO



## THE RIGHT ACCESSORIES ARE EASY TO CHOOSE

### COMK - COMH

Rotary key and handle operated selector switch



### COME

Digital electronic selector



### KASM48

Mobile-wing breakout kit



### VALLOKA

Anti-panic system complete with brackets, without LOKSBM



### VALLOKB

Bi-stable lock complete with brackets, without LOKSBM



### KSER48

Hook lock kit for mobile wing

