



COMPLETE  
RANGE



QUALITY AND  
PERFORMANCE



SAFE AND  
RELIABLE



## **Ditec Valor**

EN

Automation for sliding doors  
Excellence in a complete system

# 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.



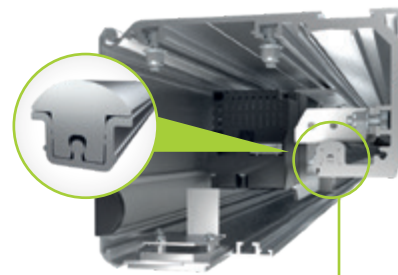
Integrated safety sensors



The MD1 display module is integrated or wall mounted to easily and accurately control and adjust functions



Emergency or UPS batteries



Sliding guide in EURAS CO with sound-absorbent seal



Integrated release handle (VALOR L and N)



Traction control unit on a single coupling plate for quick installation, EL20 control and management panel with microprocessor logic



Plastic casing head

## OUR EXPERTISE AT YOUR SERVICE

A complete range. A dedicated team of specialists. Excellence in technology and design. Passionate to be different. Entrematic is a commercial partner with a complete range of entrance-automation solutions, 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 Valor | 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

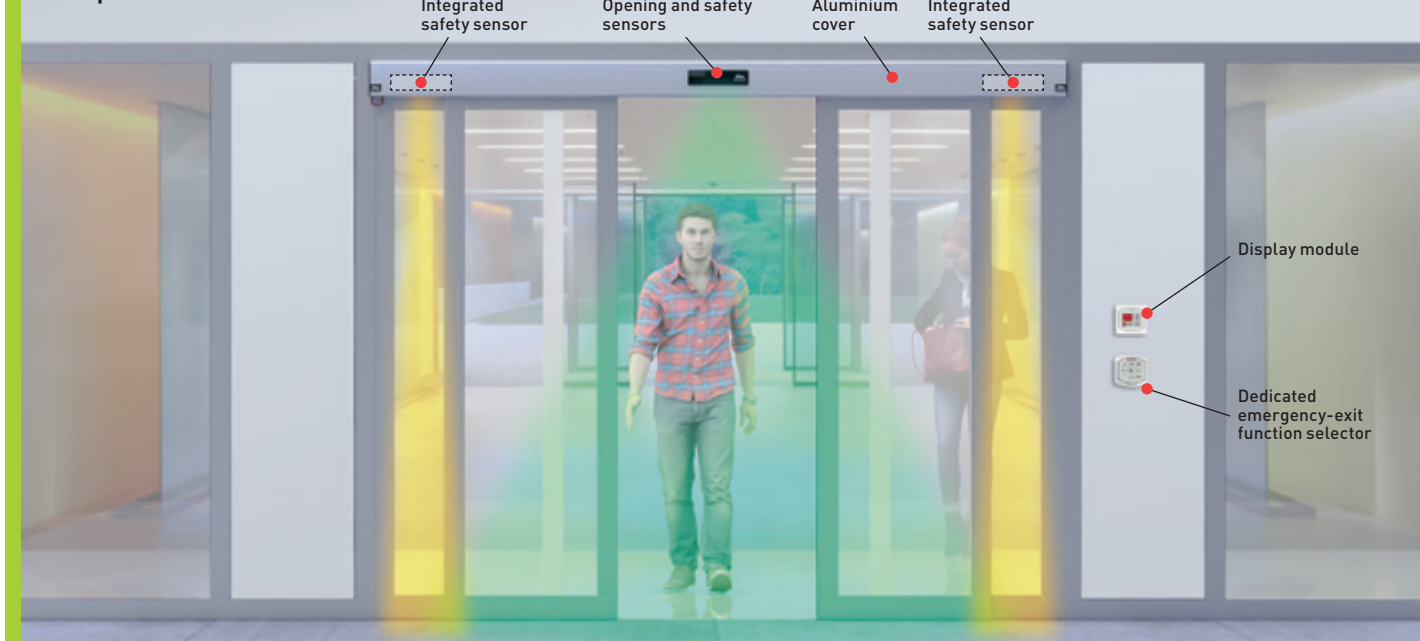
The elegance of the Valor range when **continual use** is also required. Thanks to reinforced casing and trolleys Valor N reaches capacities up to **300 kg**, conserving the easy installation and maintenance of the Valor family.



## 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



## THE RIGHT ACCESSORIES ARE EASY TO CHOOSE

### COMK - COMH

Rotary key and handle operated selector switch



### COME

Digital electronic selector



### VALLOKA

Anti-panic system complete with brackets, without LOKSBM



### VALLOKB

Bi-stable lock complete with brackets, without LOKSBM



# 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:

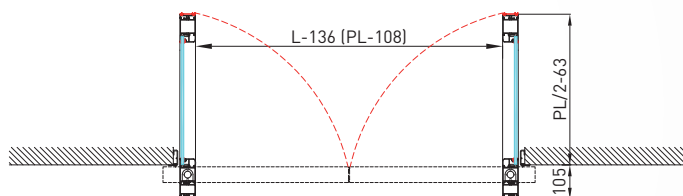
- **SB0**: breakout system for inward sliding wings
- **RBO**: breakout system for outward sliding wings
- **TBO**: integral mobile-wing and fixed-wing breakout



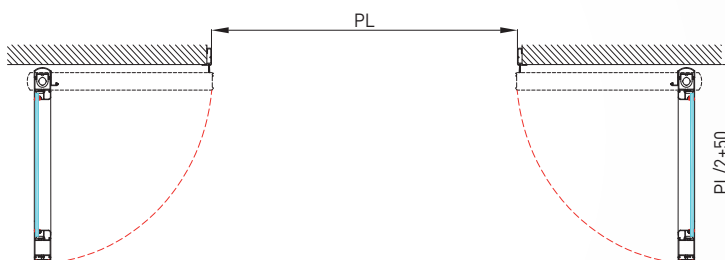
## Technical specifications

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

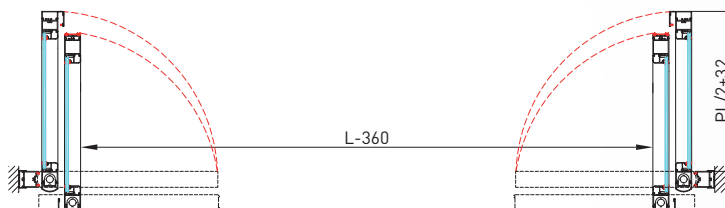
### SB0



### RBO



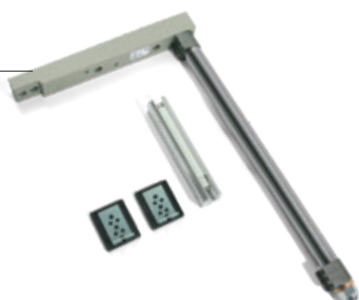
### TBO



## THE RIGHT ACCESSORIES ARE EASY TO CHOOSE

### KASM48

Mobile-wing breakout kit



### KSER48

Hook lock kit for mobile wing



# 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



## Additional features for advanced applications

### MD1 DISPLAY MODULE

Control management on electronic control panel  
Password management  
Display of electronic control panel firmware version  
Display of MP1, MD1 firmware version  
Display of total/partial manoeuvres  
Maintenance alarm settings  
Display of safety, alarms and anomalies  
Display of automation status  
Self-adjustment of automatic closing time and passageway  
Automatic passage from partial to total opening

### PLUS MP1 MODULE

Electrical connections for accessories  
Manual closing control  
Contact for opening key  
Contact for closing key  
Contact for people access visual/audio indicators  
Dedicated connection for safety sensors equipped with safety test monitoring  
General purpose outputs  
Output for spot light; air blade power supply  
Battery status monitoring facility with advanced test, to allow emergency opening

## FULL COMPLIANCE WITH EU DIRECTIVES AND STANDARDS


- **European Standard:** EN 16005 and DIN 18650-1 and -2
- **2006/42/EC** - Machinery directive
- **2004/108/EC** - Electromagnetic Compatibility Directive
- Guidelines for automatic sliding doors on emergency exits (AutSchR, edition 12/1997, Germany)



## 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)

## Main functions of the system

	VALOR L - VALOR P - VALOR N - VALOR T
Control panel	EL20
Description	for 1 motor 24 V DC
Mains power supply	230 V AC / 50-60 Hz
Batteries (ensure operation in the event of power cuts)	■ (optional)
Energy saving 	energy saving during use
Motor power supply	24 V DC / 10 A
Accessories power supply	24 V DC / 0.5 A
Electrolock	24 V DC / 1 A
Kinematic management with Encoder	■
Push adjustment	■ (optional with MD1 and DMCS)
Detection obstacles with sensitivity adjustment (causes stop when opening or reverse when closing)	■
Opening and closing speed setting	■
Independent open control	■
Independent partial opening control	■
Independent close control	■ (optional with MP1)
Timer-controlled automatic closing (adjustable)	0 - 30 s
Automatic closing time self-adjustment (depending on the flow of people)	■
Safety during opening (slowdown speed)	■
Emergency reverse with presence sensor	■ (EN 16005 compliant)
Safety test and safety monitoring	■ (EN 16005 compliant)
Built-in photocell amplifier	■



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Cod. P221B - 02/2018

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