

# Ditec Valor

## Automation for sliding doors

- Automation for **very intensive use**. Particularly suitable for shopping malls, public buildings, airports, hospitals and environments with high pedestrian traffic
- **Solution for single, double and telescopic wings**, for doors up to 300 Kg (2 wings) and up to 260 Kg (4 wings)
- Accurate opening and closing speed regulation thanks to the **kinematic control through encoder**
- Reliable solution for **emergency exit with antipanic breakout and redundant emergency systems**. TÜV certified, compliant with the **EN 16005**




Product Specifications

EN

## Technical specifications

	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
Capacity	100 kg (1 wing) 180 kg (2 wings)	120 kg (1 wing) 220 kg (2 wings) 100 kg (1 breakaway wing) 180 kg (2 breakaway 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)	
Endurance test	1 M cycles	1 M cycles	1 M cycles	1 M 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 weight > 200 kg)	1 A (1.6 A with weight > 200 kg)	1 A
Maximum opening and closing speed	0.8 m/s (1 wing) 1.6 m/s (2 wings)	1 wing: 0.8 m/s 2 wings: 1.6 m/s (1.2 m/s with weight > 200 kg)	1 wing: 0.8 m/s 2 wings: 1.6 m/s (1.2 m/s with weight > 200 kg)	0.8 m/s (2 wings) 1.6 m/s (4 wings)
Release system for manual opening	built-in handle	built-in handle	built-in handle	handle
Operating temperature	-20°C / +55°C [-10°C / +50°C batteries]	-20°C / +55°C [-10°C / +50°C batteries]	-20°C / +55°C [-10°C / +50°C batteries]	-20°C / +55°C [-10°C / +50°C batteries]
Protection rating	IP20	IP20	IP20	IP20
Product dimensions	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
Special uses	emergency breakout and redundant exit	emergency breakout and redundant exit	emergency breakout and redundant exit	redundant emergency system
Control panel	EL20 (built-in)	EL20 (built-in)	EL20 (built-in)	EL20 (built-in)

## Main functions of the system

	EL20
Description	for 1 24 V DC motor
Mains power supply	230 V AC / 50-60 Hz
Batteries (ensure operation in the event of power cuts)	■ (optional)
 Energy saving	energy saving when in use
Motor power supply	24 V DC / 10 A
Accessories power supply	24 V DC / 0.5 A
Electro-mechanical lock	24 V DC / 1 A
Kinematic management with Encoder	■
Push adjustment	■ (optional with MD1 and DMCS)
Detection obstacles with sensitivity adjustment (causes the gate to stop when opening or reverse when closing)	■
Opening and closing speed adjustment	■
Independent opening control	■
Independent partial-opening control	■
Independent closing 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 function	■ (EN 16005 compliant)
Built-in photocell amplifier	■

## Relevant Directives and Standards

<b>MD</b> Machine Directive	<b>EMCD</b> Compatibility Directive Electromagnetic	<b>LVD</b> Low Voltage Directive	<b>EN 16005</b> User Safety Standard
--------------------------------	---	-------------------------------------	---