

Ditec Rex S

Automation for sliding doors

- **Automation for very intensive use.** Particularly suitable for shopping malls, public buildings and environments with high pedestrian traffic
- **Simple to install** thanks to the traction unit and to the electronic control panel provided in one block
- **Easy to use** thanks to the possibility to install any kind of sensor and to the high-tech electronic system combined with the kinematic control through encoder
- **Reliable and safe**, it complies with all European directives included **EN 16005** and it is tested for **1,000,000 cycles**




Product Specifications

EN

Technical specifications

	Rex S
Capacity	100 kg (1 wing) 140 kg (2 wings)
Endurance test	1 M cycles
Power supply	230 V AC / 50-60 Hz
Power input	0.5 A
Max opening speed	0.6 m/s (1 wing) 1.2 m/s (2 wings)
Max closing speed	0.6 m/s (1 wing) 1.2 m/s (2 wings)
Release for manual opening	handle
Operating temperature	-20°C / +55°C (-10°C / +50°C with batteries)
Protection rating	IP 20
Product dimensions mm (H x P x L)	190 x 100 x L
Control panel	EL20

Main functions of the system

	EL20
Description	for 1 24 V DC motor
Mains power supply	230 V AC / 50-60 Hz
Batteries (ensure gate operation in the event of power cuts)	■ (optional)
Energy saving 	energy saving when in use
Motor power supply	24 V DC / 8 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

MD Machine Directive	EMCD Compatibility Directive Electromagnetic	LVD Low Voltage Directive	EN 16005 User Safety Standard
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