



INTELLIGENT



EASY TO  
ASSEMBLE



HIGH QUALITY  
AND RELIABLE



## **Ditec Rex S**

EN

Automation for sliding doors  
Simply a guarantee of quality

# Ditec Rex S



The ease of assembly and versatility of application make Ditec Rex S the right automation system for a wide range of contexts. The traction unit and electronic panel are combined in a single unit, speeding up installation. Many components are also in common with the other automation systems present in the Ditec range and this is an evident advantage for all our customers.

Ditec Rex S, like all the other Ditec automation systems, can be equipped with a large number of Ditec original control and safety accessories, as well as the specific accessories included in the range.

## Operation guaranteed also in power cuts

Its incorporated batteries guarantee operation even when the power is out.

## Safe and quiet

Ditec Rex S comes with a 24 V motor, an electronic panel with microprocessor logic, and an electronic anti-crush device with encoder. The casing is made of extruded aluminium and the traction is provided by a toothed belt made of synthetic material.



## OUR EXPERIENCE AT YOUR SERVICE

A complete range. A team of specialists in the sector. Excellence in technologies and design. Passionate to be different.

**Entrematic** is a commercial partner with a complete range of products for the automation of entrances, which combines specialised know-how and very famous brands.

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



# Simple and versatile



## INTELLIGENT

- EL20 electronic control panel with microprocessor for excellent management of door movements
- 24 Volt DC gear motor complete with encoder



## EASY TO ASSEMBLE

- Traction unit and electronic command panel in one block
- Programming and installation are simple with the dip-switch and trimmer



## HIGH QUALITY AND RELIABLE

- Sliding guide with anodised aluminium profiles integrated into the casing
- Reinforced nylon wheels and electrically conductive synthetic material transmission belt
- "Safety test" command for monitoring safety devices



## SPECIFIC ACCESSORIES

### REXLOK

Wing lock complete with brackets, without LOKSBM



### LOKSBM

Manual release device

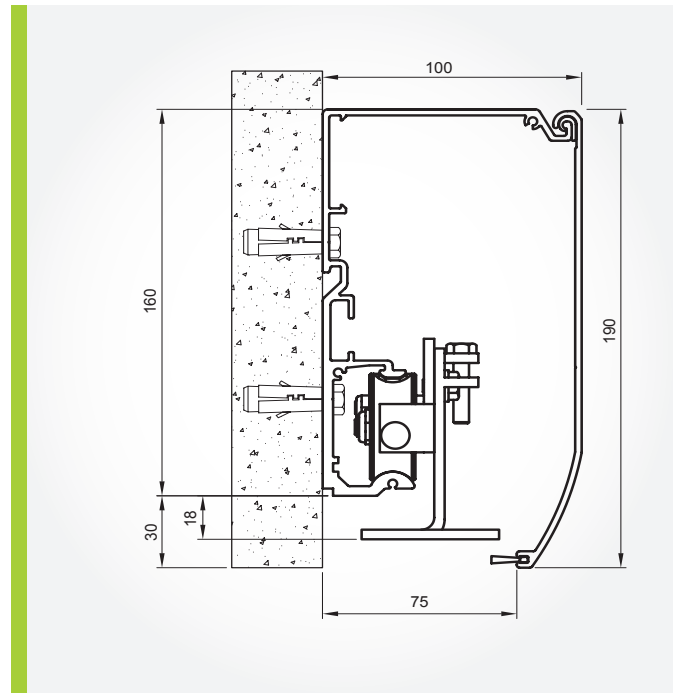


### COME

Digital electronic selector



## SECTION



## FULL COMPLIANCE WITH EU STANDARDS AND DIRECTIVES




- 2014/30/EU - EMCD - Electromagnetic Compatibility Directive
- 2006/42/EC - Machinery 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



## Technical specifications of available models and main functions of the system

	REX S
Description	automation for sliding doors
Stroke control	encoder
Max. leaf weight	100 kg (1 wing) 140 kg (2 wings)
Duration test	1 M cycles
Power supply	230 V AC / 50-60 Hz
Power input	0.5 A
Maximum opening speed	0.6 m/s (1 wing) 1.2 m/s (2 wings)
Maximum closing speed	0.6 m/s (1 wing) 1.2 m/s (2 wings)
Release system for manual opening	handle
Operating temperature	-20°C / +55°C [-10°C/+50°C batteries]
Protection rating	IP20
Product dimensions mm (H x D x L)	190 x 100 x L
Control panel	EL20

	EL20
Description	control panel 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 / 8 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	■

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 (2014/30/EU) and of the Low Voltage Directive (2014/35/EU) 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)

# ENTRE//MATIC



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