

# Ditec Rex

Simple and adaptable  
For very heavy duty



Easy assembly and multi-purpose applications make Ditec Rex a widely known automation. The traction unit and the electronic control panel in one block, make assembly time shorter.

Many components are in common with other automation solutions from the Ditec line and this is a sure advantage for our customers.

### Guaranteed functioning even without electricity

A device with built-in batteries which ensures operation even in the event of a power failure.

### Safe and noiseless

Ditec Rex is provided with a 24 V DC motor, a microprocessor logic electronic control panel, an electronic impact-free device with encoder.

The casing is made of aluminium extrusion and traction is performed by means of a synthetic toothed belt.


Ditec Rex, like all the other Ditec automation solutions can come with a complete range of original Ditec accessories for control and safety, in addition to the specific accessories included in the line.



## Technical specifications

	Rex S
Description	automation for sliding doors
Travel control system	encoder
Maximum capacity	100 kg (1 wing) 140 kg (2 wings)
Duty class	5 - heavy duty
Intermittent operation	S3 = 100%
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 type
Operating temperature	-20°C / +55°C (-10°C / +50°C with batteries)
Protection rating	IP 20
Product dimensions (mm)	100 x 190 x L
Control panel	EL20 (built-in)

## Main system functions

	Rex S
Control panel	EL20
Mains power supply	230 V AC / 50-60 Hz
Batteries	■ (optional)
 Energy saving	reduced consumption when in use
Number of motors	1
Motor power supply	24 V DC / 8 A
Accessories power supply	24 V DC / 0.5 A
Electrically operated lock	24 V DC / 1 A
Encoder speed and deceleration control	■
Force adjustment control	electronics
ODS - Obstruction detection system	■
Speed adjustment	■
Braking / Deceleration	■
Open control	■
Push opening	■
Partly open control	■
Close control	■ (optional with MP1)
Automatic timed close control	■
Stop safety device	■
Reverse operation safety device	■
Safety test facility	■
Built-in photocell amplifier	■

## Relevant Directives and Standards

**MD**  
Machine Directive

**EMCD**  
Compatibility Directive  
Electromagnetic

**LVD**  
Low Voltage Directive

**EN 16005**  
User Safety Standard