

Protec Rex



**Simple and adaptable
For very heavy duty**

Easy assembly and multi-purpose applications make Protec 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 Protec 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

Protec 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.

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



Technical features and system functions

Technical specifications of available models and main functions of the system

	REX S		EL20
Description	automation for sliding doors	Description	for 1 24 V DC motor
Stroke control	encoder	Mains power supply	230 V AC / 50-60 Hz
Capacity	100 kg (1 wing) 140 kg (2 wings)	Batteries (ensure gate operation in the event of power cuts)	■ (optional)
Endurance test	1 M cycles	 Energy saving	energy saving when in use
Power supply	230 V AC / 50-60 Hz	Motor power supply	24 V DC / 8 A
Power input	0.5 A	Accessories power supply	24 V DC / 0.5 A
Max opening speed	0.6 m/s (1 wing) 1.2 m/s (2 wings)	Electro-mechanical lock	24 V DC / 1 A
Max closing speed	0.6 m/s (1 wing) 1.2 m/s (2 wings)	Kinematic management with Encoder	■
Release for manual opening	handle	Push adjustment	■ (optional with MD1 and DMCS)
Operating temperature	-20°C / +55°C (-10°C / +50°C with batteries)	Detection obstacles with sensitivity adjustment (causes the gate to stop when opening or reverse when closing)	■
Protection rating	IP20	Opening and closing speed adjustment	■
Product dimensions (mm)	190 x 100 x L	Independent opening control	■
Control panel	EL20	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