

**Wind resistant  
up to 120 km/h**



# Smart Reset

Rapid roll-up door with  
**self-repairing** full curtain



# Smart Reset

High performance and self-repairing.

Heavy duty automatic flexible door featuring a special and innovative self-repairing system; should the curtain accidentally get dislodged, it will automatically be recovered with a simple opening and closing operation.

Simple, reliable and compact.

Very practical yet uncompromising on quality.

Smart has been designed in order to produce a very practical and highly modular high-speed door to simplify installation and to allow all the components to be easily operated.

A sturdy and compact structure, very well designed and tested genuine Ditec motors and components, are the key features which make Smart Reset a safe, aesthetically very unobtrusive door, easy and quick to fit and practical to maintain, inspect and check.

Its very reduced size allows it to be installed even where space is at a premium.

The motor, mounted outside the door, can be supplied complete with the manual emergency re-opening device.



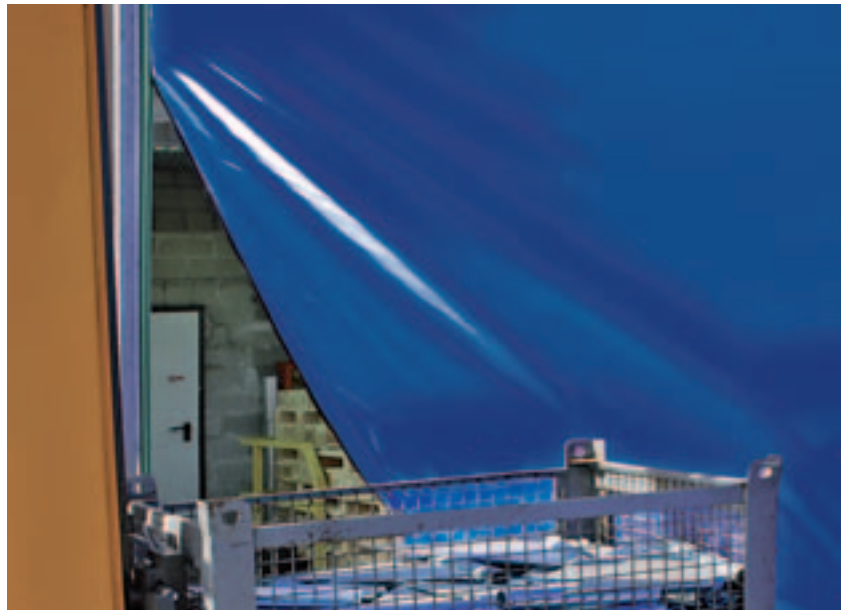
# Distinctive Features

Smart Reset can be supplied in different levels of design (Basic and Comfort), to better satisfy the differing operating requirements and to comply with the different local standards. The wide range offered features a whole array of unparalleled technological features.

- The INVERTER system makes it easy to adjust speeds. The SOFT START and the SOFT STOP facilities avoid mechanical parts stress and wear, thus ensuring the reliability and long life of the door.
- Hot-galvanised steel metal structure available in the RAL versions with oven-baked epoxy coating with smooth finish or fine satin-finish AISI 304 stainless steel, complete with galvanised curtain winding pipe and vertical uprights fitted with special self-lubricating sliding guides installed on a shock-absorbing spring system.
- Provision for roll-up roller casing.
- DSC electronic safety device to reverse motion when door is closing if an obstacle is hit.
- Heavy duty motor: 3 phase 400V motor, complete with limit switch and electrically operated hand brake.
- IP55 rated electronic panel complete with push-button panel with open-close-stop membrane control featuring an AUTOTEST function, compliant with 98/37/EC and 89/106/EC European Directives.
- Provision for manual opening device with operation rod.
- Full size flexible curtain made of Class 2 self-extinguishing polyester, with no horizontal strengthening parts, which slides inside the side hinges and features self-repairing properties and high resistance to air and wind pressure: resistant to 120 km/h wind.



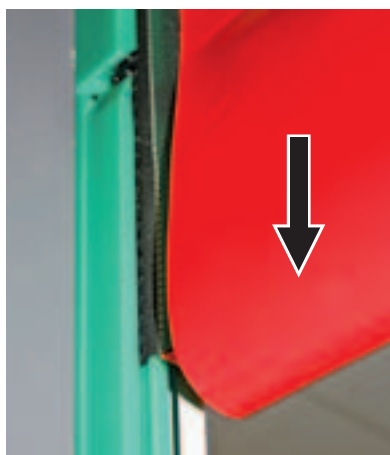
# Highly practical, thanks to the special self-repairing system



The side hinges slide along the special guides together with flexible curtain ends. If the curtain is accidentally hit, the hinges come off the guides, as well as the curtain. This avoids damages to the flexible curtain.



The curtain is then automatically retrieved during the first opening and closing operation.



# Highest safety levels

The DSC electronic safety devices reverses the rotation of the motor as soon as the door stops after hitting an obstacle.

The bottom passive edge, made of flexible materials with high shock proof properties, protects from any damages.



**1** The curtain is always perfectly wound and unwound on the roller.

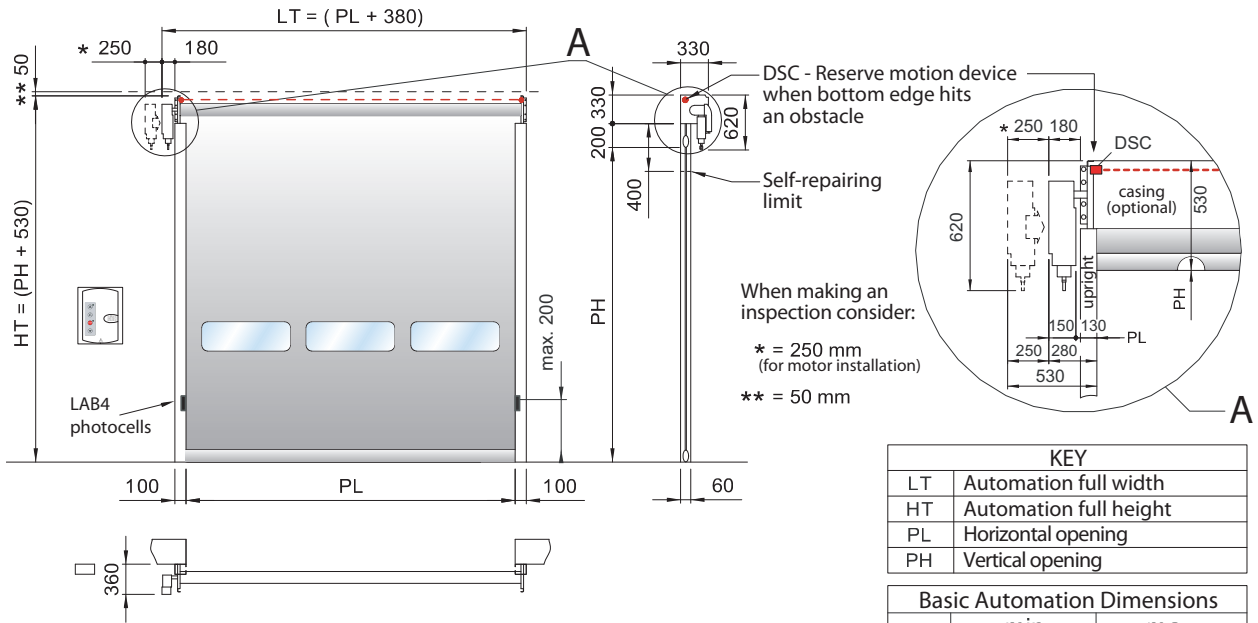


**2** The two photocells mounted inside the casing check that the curtain is correctly unwound. If the curtain hits an obstacle during its descent, it tends to swell up.



**3** This is detected by the photocell beam which, together with the DSC electronic system, stops and reverses the curtain descent and fully rewinds it.

## Dimensional specifications



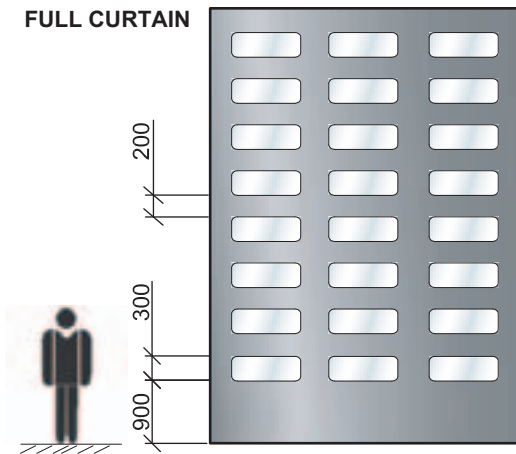
KEY	
LT	Automation full width
HT	Automation full height
PL	Horizontal opening
PH	Vertical opening

Basic Automation Dimensions		
	min	max
PL	900	4500
PH	1000	4600

## Flexible curtain features (Maximum values)

Full size flexible curtain entirely made of Class 2 self-extinguishing polyester, with no horizontal strengthening parts, which slides inside the side hinges and features self-repairing properties and high resistance to air and wind pressure: resistant to 120 km/h wind.

### FULL CURTAIN

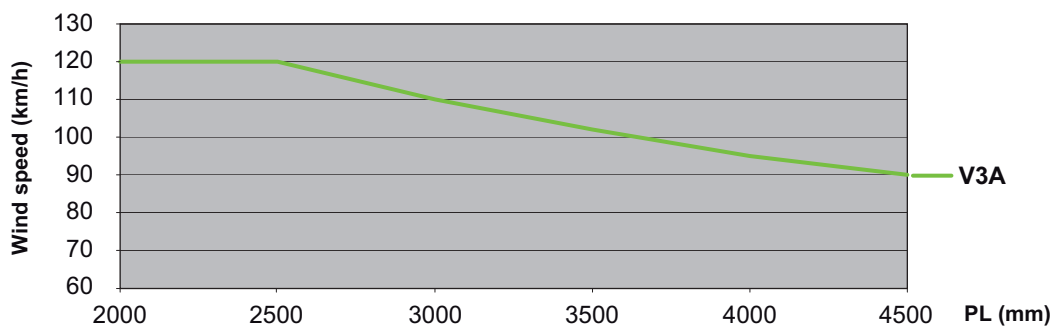


Position of windows	PH max
8	4600
7	4500
6	4000
5	3500
4	3000
3	2500
2	2000
1	1500

Nr. of window sections	PL		
	≤ 2560	≤ 3750	≤ 4500
Window sections	1	2	3

Note: with PL < 1380 no window section is available

## Wind resistant



# Special accessories

## Description of Article

### FABRICATION

Cabling - easy fitting

Cabling - gear motor / electronic panel, excluding safety devices

Cabling - complete and fitted to the fabrication, including safety devices

Pair of column front guards - galvanised steel

Pair of column front guards - AISI 304 fine satin stainless steel finish

Casing and roller front guard - galvanised steel

Casing and roller front guard - AISI 304 fine satin stainless steel finish

AISI 304 fine satin stainless steel finish - metal frame, casing and front guard excluded

The whole structure has an oven baked epoxy coating (see colour table)

The whole structure has a special oven baked epoxy coating, colour on request (previously agreed)

### MOTOR

Motor guard - galvanised steel, left or right

Motor guard - AISI 304 fine satin stainless steel finish left or right

Inverter - different speeds control system: opening speed  $0.6 \div 1.1$  - closing speed  $0.4 \div 0.8$  m/s

Inverter - Inverter battery operated emergency power supply

Manual operation - device complete with crank

Operating rod at man's height (see table),  
to be used together with the manual operation

Motor located on the right

### FLEXIBLE CURTAIN

See-through PVC window section 980 x H 300

## Curtains - Available colours



Red similar RAL 3000



Orange similar RAL 2004



Yellow similar RAL 1021



Cream similar RAL 1014



Blue similar RAL 5010



Light blue similar RAL 5012



Green similar RAL 6026



Grey similar RAL 7038

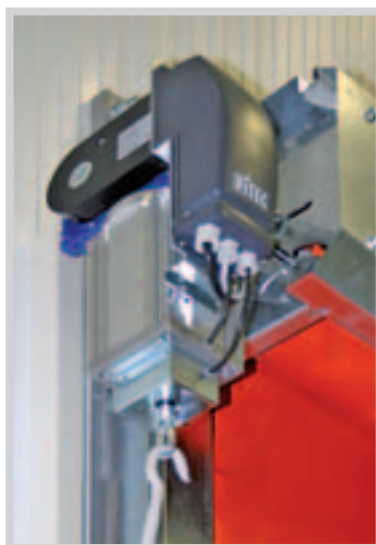


White similar RAL 9016



On request

Other colours



## Control and safety systems.

- **RMM** - Microwave radar with function discrimination: vehicle-pedestrian direction of movement
- **TEL 2** - RMM radar distance adjustment remote control
- **GOL 4 transmitters** - Fixed code four channel-four function, with cloning option, or with rolling code system
- **LAB 9CS** - Board detector with cable for magnetic loop
- **XEL 22 C4** - Pair of columns H 2.5 m with four synchronised, precabled photocells
- **LAB 4** - Pair of externally mounted infrared photocells, for general use
- **LAMP H** - 24V flashing light

## Standards

The system has been manufactured by using only DITEC manufactured accessories and safety devices.

All DITEC automations have the CE marking and are designed and manufactured in compliance with Machine Directive (2006/42/EC), EMC Directive (2004/108/EC) and Low Voltage Directive (2006/95/EC) safety requirements, as well as with other specific Directives, laws and standards relating to particular products and circumstances.

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DITEC S.p.A. are always striving to improve their products. The technical data contained within this document is therefore not binding.

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The pictures sometimes show optional accessories.

Further information can be found in our on-line Technical Manuals at: [www.ditec.it](http://www.ditec.it)



RMM



TEL 2



GOL 4



GOL 4W



LAB 9CS



XEL 22 C4



LAB 4



LAMP H



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