

Visio

Automatic door operator

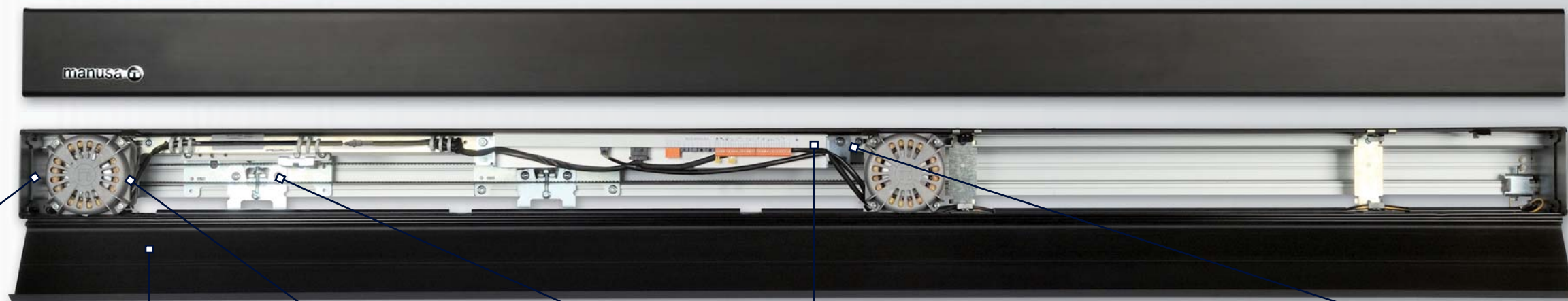


The most advanced
technology in 125 mm

manusa 
Automatic doors

Visio

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Profiles

Numerous combinations.
Versatile and robust.



Easy access

Front cover with
flexible hinge to make
access easier.



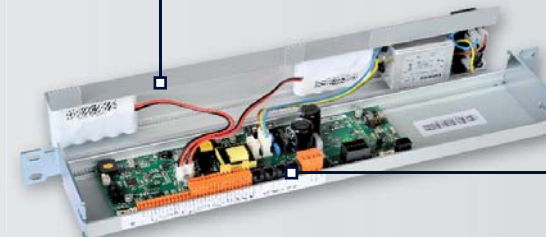
Three phase AC motors

Direct Drive Technology.



Track solution

New track and carriage
rail design, to guarantee
smooth operation.



High-performance electronics

Inverter technology and DSP control.
Panic break-out batteries incorporated.



Manusa bus

More possibilities of
accessory connectivity.



Bistable automatic lock

Locks the leaves even during
power failures.

Technology

- ✓ The fastest opening on the market, thanks to a powerful motor group.
- ✓ Two three phase AC motors with Direct Drive provide unbeatable durability.
- ✓ The Inverter technology (independent adjustment of force and speed) and the electronic management of the motor via DSP (digital signal processor) offer excellent gentle movement.
- ✓ Very silent: Direct Drive and optimised track rail.

- ✓ Greater accessory connectivity possibilities thanks to the Manusa bus.
- ✓ Interconnection to domotic systems and industrial buses.
- ✓ Remote control and time programming via Ethernet thanks to the Manulink software.
- ✓ Possibility of incorporating people counter systems.
- ✓ Possibility of incorporating new accessories and functions.

Easy to install

- ✓ Small number of components.
- ✓ Connection via the Manusa bus simplifies wiring.
- ✓ Universal connector for all accessories.
- ✓ Wide range of wireless accessories.
- ✓ Universal fixing system for fixed leaves.
- ✓ Numerous self-supporting assembly possibilities thanks to the different beam profile versions.

Versatile and flexible

- ✓ Given its dozens of assembly layouts.
- ✓ It can be used with all types of leaves (Manusa and commercial up to 50 mm).
- ✓ It includes a wide range of accepted dimensions and weights.

Adaptable to all architectural environments

- ✓ Given its refined design.
- ✓ Given its compact size with a lower visual impact.
- ✓ Thanks to its wide range of finishings, including customised finishings.
- ✓ Impossible to see the mechanism from outside.
- ✓ It makes greater transparency of the leaves possible thanks to the hidden rail.

Safety

- ✓ Gentle automatic reopening when obstacles are detected.
- ✓ Side safety sensors.
- ✓ It incorporates a connection for a fire alarm.

Applus⁺

idneo



manusa 
Automatic doors

ACCESSORIES

Possibility of incorporating new accessories and functions



Smart Selector
New Smart operating selector, with a refined design and intuitive handling.



Manulink software and Ethernet adaptor
Allows remote control and time programming.



Openlinx
Allows remote management for automatic doors from a web navigator and its integration with industrial and immotic buses.



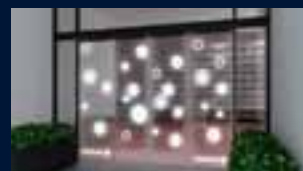
ASD audio system
The automatic door gives users acoustic messages.



LED display
Integrated in the front cover, it gives users visual messages.



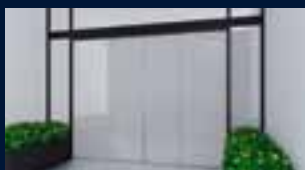
Concealed lighting
Gives the entrance aesthetic visibility, or allows a colour code to be established according to the function inside specific locations or transit areas.



Ledglass leaves lighting*
Creation of customised designs using LED lighting.



Self-dimming glass*
Allows the transparency of the leaves to be changed for specific privacy needs.



Glass with integrated Venetian blind*
A blind integrated in the glass.



People counter
Crowd measuring system in closed spaces that allows knowledge of entrance and exit traffic.

* For sale out of Spain please ask export department

OTHER AVAILABLE ACCESSORIES

Activation

- Planar radar
- Smart-Prox touchless switch
- Wide range of push buttons, wired and wireless
- Remote control
- Exterior key switch (wired and wireless)
- Numeric keypad (wired and wireless)
- Handsfree system
- RFID system

Safety

- Photocells
- Active IR sensor
- CO48 system
- Electromechanical lock
- Floor lock

Control

- Óptima selector
- Óptima remote control
- I/O interface

ELECTRICAL FEATURES

Standard power supply	220-240V +/-6% 50Hz
On demand power supply	100-120V +/-6% 60Hz
Type of motors	2xAC three phase
Inverter Technology (exclusive of Manusa)	VV-VF
Protection fuse	4 A
Environment temperature during operation	-15°C a 50°C
Rechargeable fail-safe batteries	24V 700 mAh
Number of connectable safety photocells	3

MECHANICAL FEATURES

Standard operator dimensions	125x180, 175x180 mm
Maximum operator length	6000 mm
Maximum recommended clear opening	2950 mm
Maximum recommended clear height	3000 mm
Maximum weight per leaf	1x160 kg, 2x120 kg
Maximum acceleration	2 m/s ²
Closing force, adjustable	40N a 140N

APPLICABLE REGULATIONS

Directive of machinery	UNE 85121 EX
Directive of construction products	UNE-EN 60335
Directive of low voltage	UNE-EN 61000
Directive of electromagnetic compatibility	UNE-EN 12978
Technical building code	prEN 16005

