

Sliding door *Tina*



- Compact drive unit (4")**
- Wall mounted control console or casing console with LCD screen**
- Great ease of control**
- Easy installation**

The **TINA** concept is improved for increased security and flexibility of use.

Discover the capabilities of **TINA2**; Its easy use is closely linked to the astonishing agility of Naviblu and Visioblu control systems.

Easy to use, designed for a quick installation, the **TINA** provides the perfect solution for those who want to enjoy the comfort of an automatic opening without complexity. Its elegant design and slim casing means it can be harmoniously incorporated to any entrance.

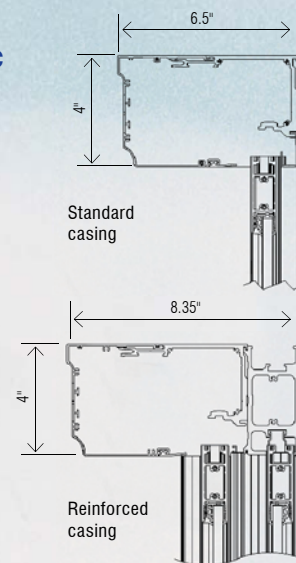
Tina

TINA is redefining the standards for high-performance automatic doors that are practical and easy to install.

TINA is available as single or double sliding versions, with or without side screens.

Its performance and flexibility make it a leader in its class: its compact 4" drive unit moves heavy leaves of up to 2 x 264 lbs.

The hinged cover up or down, allows easy access to the operator or leaves.



DOUBLE SLIDING



SINGLE SLIDING

The range of profiles

In order to provide the best solution, TINA door frames are available in G25 or G38 profiles and LUMINA.

This range of profiles have been specifically designed to meet safety standard (finger pinching). The frames are assembled using a non-silicon seal so the glazing can be changed quickly.

The G38 range is a robust solution that is suitable for glazing that is up to 1" thick and can be fitted with an integrated manual lock.

LUMINA All Glass

LUMINA Thin profiles

G25

G38



Control and detection

To ensure the best solution for your needs, the product is available with a large choice of controls and detection devices.

Microwave radars provide discreetly a reliable and efficient detection. Self-controlled infrared barriers detect any presence in the passage or any obstacle impeding the door closing. Continuously monitored, any anomaly in their operation is automatically reported.

Inputs/Outputs modules offer even greater flexibility while enabling additional systems to be connected :

- Extra closing or opening security devices (inside and/or outside IR barriers/curtains).
- Priority opening command, Forced Mode control.
- Connecting an access control device (Intercom, Disabled person system...)



NAVIBLU 2



VISIOBLU S Remote control



Console 4T



IR key

The full equipment provides operational comfort and security for owners and users.

All common functions are accessible and can be programmed without any specific tool. Users can select a multi-function or simple control system depending on their needs.



NAVIBLU and VISIOBLU, real control consoles

NAVIBLU and VISIOBLU are user-friendly and high-performance control interfaces. They allow easy driving, easy adjusting and easy communication with the door.

The LCD screen indicates the door's state in the most universal language that consists of pictograms, figures and international measuring units.

NAVIBLU, designed for wall mounted installation, allows controlling the door simply at one's fingertips thanks to its unique central browsing button.

VISIOBLU, designed to be installed on the casing, operates with the S remote control, offering all the comfort of remotely controlled operations.

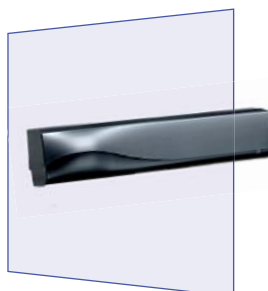
The 2 systems are equipped with an IR receiver to learn up to 20 keys or S remote controls. Performing the same functionalities, NAVIBLU and VISIOBLU offers a great flexibility of use (choice of operating modes, settings of the door, historic consultation of defects and counters, automatic entries diagnosis, etc.).



6-position key selector



Hyperfrequency detection



Active infrared security

Plug and play pre-assembled and pre-cabled sub units

All models connect to a common compact control box. Pre-assembled and pre-cabled sub-units make installation easier.

The lock and motor are Plug and Play, their installation is automatically recognized.

Motor/Locking/Fail safe locking

- An electrical stable lock secures the door leaves after business hours. It also allows a secure opening for an all-night pharmacy.
- For the hotels, a fail safe lock is available ensuring the door leaves opening in case of emergency, in accordance with current regulations concerning public establishment.

Logical unit

- An emergency battery ensures that the door can operate in case of power failure.
- The Inputs/Outputs modules offer a high degree of flexibility, making possible to connect IR curtains and barriers, or any other NO/NC system as controls for air conditioning, metal security curtain, access management system or keypad entry, etc.
- TINA door can be used as Emergency exit, the TINA operator satisfies the EN16005 standard. The operator manages the safety opening in case of failure and is equipped with safety required devices.
- TINA2 is equipped with a function for disabled people that complies with the accessibility regulation issued by the SNFPSPA (French National Association for Shutters, Sun Protection and Related Professions). Any audio or visual signalling device can be connected, which provides greater convenience and safety for users with visual or hearing impairments.
- In accordance with ANSI 156.19

Specifications



MECHANICAL

Installation	Surface applied	
Structure	Aluminium	
Casing (H x D)	Standard 4" x 6.5" - Reinforced 4" x 8.35"	
Passage width min/max*	1 leaf: 29.5" / 70.8"	2 leaves: 35.4" / 114"
Maximum passage height	122"	
Cheeks	Shock resistant black polystyrene	

PERFORMANCES

Leaf weight	1 x 308 lbs – 2 x 264 lbs	
with IME (Emergency exit)	1 x 242.5 lbs – 2 x 198.4 lbs	
Opening speed	1 leaf: 4 - 31 in/s	2 leaves: 8 - 62 in/s
Closing speed	1 leaf: 4 - 19 in/s	2 leaves: 8 - 38 in/s
Hold open time	1 to 25 s	
Opening force	44 to 110 ft.lbs	
Closing force	44 to 110 ft.lbs	

ELECTRICAL ENVIRONMENT

Power supply	Main 50-60 Hz, 120 V ± 10 % with earth ground. Fuse 1.25 A
Average absorbed power	50W
Motor voltage / Emergency battery	30 Vcc / 12 Vcc
Relative humidity	10 % to 93 % without condensation
Operating temperature	-68°F / +140°F - Emergency exit door according EN16005 : +41°F / +104°F

STANDARDS

ANSI 156.10	Full energy power operators
UL 325	Power door operators.
NFPA 101	Life Safety Code
FCC part 15	Unintentional radiators

(*) Special projects, contact us

NAVIBLU functionalities

Operating Mode selection	Door settings
Secure access using a code	- Door movement (speeds, torque, brakes)
Faults display	- Opening width (small, large, security)
Entries status diagnostics	- Time delay (radar units, openings, keys)
Historic consultation of defects, counters	- Locking, battery operation
IR receiver	- Inputs/Outputs parameterisation
Reset	- People With Reduced Mobility function, Standard(CO48, BS, ANSI, EN16005)

Equipment/Controls/Safeties

Emergency battery	●	Naviblu or Visioblu or 4T console	●
Fail Safe locking	○	IR receiver	○
Manual inside safety unlocking	○	S (Simplified) infrared remote control	○
Positive Security locking	○	IR key	○
Anti-panic mechanical device (IME) conforming to CO48	○	6-position key selector (with Reset)	○
DAS card (for DAS locking)	○	Inputs Module (NO/NC)	○
Airlock management card	○	Outputs Module (4 switches)	○
Radar Ins (NO, NC, Self-controlled) / Radar Out (NO, NC)	●	EN16005 Emergency exit module	○
Opening/closure safety (NO, NC, IR barrier (x2), IR curtain (x4))	○		
RAL lacquer finish, AS1, Anodised - colour (As standard)	●	Special lacquering, stainless steel (On request)	●

● Standard ○ Option

