TINA RANGE

Automatic sliding door

Easy to use and designed for quick installation, this range of doors provides the ideal solution for people who want to enjoy the comfort of an automatic opening very easily.

Their elegant design and slim header enable them to be harmoniously integrated into any location.

- Compact drive unit (10 cm)
- Control consoles on wall or on header with LCD screen
- Great ease of control
- Easy installation

Discover the functionalities of TINA2 and its easy use, closely linked to the astonishing agility of Naviblu and Visioblu.

PORTALP

Automatic Doors & Building Access Control

TINA
A simple, practical and easy to install automatic door

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

Its performance characteristics and its flexibility make it a reference in its class: its compact 10 cm drive unit moves leaves weighing up to 2 x 120 kg.

The cover is removable to provide easy access to the drive unit for maintenance operations. Hinges can also be installed for upwards or downwards opening.

165 mm

102 mm

Standard Header

212 mm

102 mm

Renforced Header

Pre-mounted sub-units

The TINA operator is designed based on independent modules that are connected to a single, compact logic group.

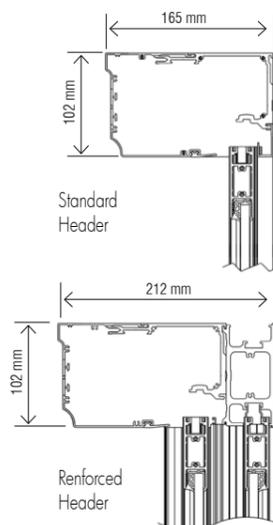Pre-mounted sub-units facilitate installing it.

- The power and motor group can be combined with a bi-stable electric lock secure or positive safety lock. The lock and the motor have a plug and play function, then they are automatically recognised when connected.
- The logic unit can be equipped with an emergency battery, Inputs/ Outputs modules, Emergency Exit device EN16005, function for disabled people that complies with the Accessibility regulation issued by the SNFPSA (French National Association for Shutters, Sun Protection and Related Professions).
- An elastic device can complete the installation for an opening of the doors without using any external energy source (French regulation CO48)

Profiles

To bettermeet the requirements of each application, the TINA doors frames are available in different ranges of profiles: LUMINA All glass or with thin profiles, G25 or G38 profiles.

These profiles ranges are especially designed to comply with the safety standards in force (ex: finger trapped in the door). The standard frames are mounted with a neoprene seal (non-silicon) that enables the glass to be replaced quickly.

The G38 range is a robust solution which makes thick isolating glazing up to 26 mm possible. A key locking (European cylinder) can also be mounted with these profiles.

LUMINA All glass

LUMINA Thin profiles

G25

G38

Controls and activation devices

To provide the optimal solution for your project, the product is offered with a large choice of controls and detection devices.

The ultra-high frequency radars provide completely discrete, reliable, high-performance detection.

The self-controlled infrared barriers detect any presence in the passage or any obstacle preventing the door leaves from closing. Permanently monitored, any anomaly in their functionning is automatically reported.

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

- Additionnal safety device in closing or in opening.
- Priority opening control, Forced Mode control.
- Access control device connection (Intercom, persons with reduced mobility…).
- Dry informations contacts about the door condition.

Naviblu and Visioblu, real door dashboards

User-friendly and efficient , Naviblu2 and Visioblu allow to drive easily the door and to display its running mode by LCD screen in a highly universal language, constiting solely of pictograms, figures and international measuring units.

Naviblu, intended for a wall installation, allows to control the door with the fingertips thanks to its unique central browsing button.

Visioblu, for an header installation, works together with a remote offering all the comfort of a remotely control.

The 2 systems are endowed with a IR receiver authorizing the learning of several keys or remote controls S (until 20). Their numerous features offer a big flexibility of use (choice ways of functioning, configuration carries, consultation, history, diagnosis, meter).

A complete equipment provides all the comfort and safety of operation for the user.
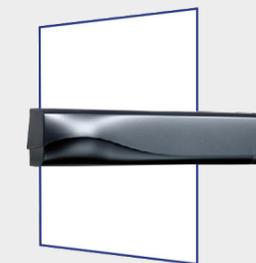
| Naviblu | Visioblu and S remote control | Console 4T | 80 mm 6-position key selector | 40 mm 6-position key selector | Hyper frequency detection and active Infrared security |

TINA SPECIFICATIONS

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MECHANICAL — SLIDING

Installation		Surface applied / Between walls / Against posts
Structure		Aluminium
Header (H x D)	Standard	102 mm x 165 mm
	Reinforced	102 mm x 212 mm
Passage width min/max	1 leaf	750 / 1 800 mm
	2 leaves	900 / 2 900 mm
Maximum passage height		3 100 mm
Cheeks		Shock resistant black polystyrene

PERFORMANCES

Leaf weight		1 x 140 kg / 2 x 120 kg
	in Emergency Exit	1 x 110 kg / 2 x 90 kg
Opening speed		1 leaf : 10 to 80 cm/s - 2 leaves : 20 to 160 cm/s
Closing speed		1 leaf : 10 to 50 cm/s - 2 leaves : 20 to 100 cm/s
Hold open time		1 to 25 s
Opening force		6 to 15 daN
Closing force		6 to 15 daN

ELECTRICAL ENVIRONMENT

Power supply	Mains 50-60 Hz, 230 V ±10% with earth. Fuse 1.25 A
Maximum / (average) absorbed power	50 W
Motor voltage / Emergency battery	30 Vcc / 12 Vcc (1,2 A/h)
Relative humidity	10 % to 93 % without condensation
Operating temperature	-20°C/+60°C - In Emergency Exit according to EN16005 :+5°C/+40°C

STANDARDS

EC	Electromagnetic compatibility: 2004/108/CE directive, Electrical security - Low voltage: 2006/95/CEE directive, Machines: 2006/42/CE directive
EN 61000-6-3	EMC: emission for residential, commercial and light-industrial environments
EN 61000-6-2	EMC: immunity for industrial environments
EN 13849-1	Safety of machinery - Safety related parts of control systems
EN 60335-1/-2-103	Safety of household and similar electrical appliances
EN 16005	Pedestrian motorised doors : use safety

FUNCTIONALITIES NAVIBLU / VISIOBLU

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)

EQUIPMENT / CONTROLS / SAFETIES / FINISHING TOUCHES

Emergency battery	○	Naviblu control console or Visioblu or Console 4T	○
Bi-stable electric locking	○	IR receiver	○
Fail safe locking	○	Infrared remote control	○
Manual inside emergency unlocking	○	IR key	○
Anti-panic mechanical device (IME) conforming to CO48	○	6-position key selector (with Reset)	○
DAS card	○	Inputs Module (NO/NC)	○
Inside radar (NO, NC, self-controlled) / Outside radar (NO,NC)	○	Outputs Module (4 switches)	○
Opening/Closing safeties (NO, NC, IR curtain x4)	○	Emergency Exit Module EN 16005	○
Upwards/downwards cover opening hinges	○	RAL lacquer finish, AS1, Anodised - colour	●
Operator cable trunking	○	Special lacquering, stainless steel (On request)	○

(*) Specific achievement, contact us   • Standard ° Option

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