

Tina

Specifications

CE

MECHANICAL

Installation	Surface Applied
Structure	Aluminium
Casing (H x D)	102 mm x 165 mm
Passage width min/max	900 / 2,400 mm
Maximum passage height	2,500 mm
Cover	3 parts (radar part centred on the passage)
Central radar cover (L)	250 mm
Cheeks	Shock resistant black polystyrene

PERFORMANCES

	Standard	Heavy leaves
Leaf weight	1 x 110 kg • 2 x 90 kg	1 x 140 kg • 2 x 120 kg
Opening speed per leaf	0.2 - 0.7 m/s	0.2 - 0.4 m/s
Closing speed per leaf	0.2 - 0.5 m/s	0.1 - 0.3 m/s
Hold open time	1 - 15s	
Opening force	6 - 13 daN	
Closing force	6 - 3 daN	

ELECTRICAL ENVIRONMENT

Power supply	Mains 50-60 Hz, 230 V ±10% with earth. Fuse 1.25 A
Maximum / (average) absorbed power	< 300 W / (50W)
Motor voltage / Emergency battery	24 V / 12 V
Relative humidity	10% - 93% without condensation
Operating temperature	-20° C / +60° C

STANDARDS

CE	Conforms to European directives for electrical security, CEM, construction products, machines
EN 60 335 - 1	Electrical security
EN 50 081 - 1	Electromagnetic compatibility, generic emission standard
EN 50 082 - 2	Electromagnetic compatibility, generic immunity standard

Functions

Traffic analysis	Setting the opening / closing couple
Setting the opening timings	Security opening (if the door is fitted with a lock)
Setting opening / closing speed	Entry / Exit formatting
Setting opening width and summer / winter opening	

Equipment / Options

Simple IR barrier	●	Double IR barrier / IR curtain	○
Electric locking	○	Manual inside safety unlocking	○
Emergency battery	●	Anti-panic mechanical device conforming to C048	○
Entry / Exit modules (4/2)	○	Multifunctional infra-red remote control	○
IR key	○	6 position key operated selector	○
Key operated switch (open/closed)	○	LCD display console	○
Pictogram display console	○	Reset (if the door has a 6 position selector)	○
Natural satin finish, RAL lacquering, coloured anodising	●	Special coatings, stainless steel	○

● Standard ○ Option

Tina Sliding Door



Compact drive unit (10 cm)
New design
Easy installation

TINA is a versatile and effective solution for all intensive, semi-intensive and private uses. Its elegant design and its low frame height means it can be harmoniously included on any type of premises.

The doors in this new range are easy to use, designed for quick installation, and are the perfect solution for those who want to enjoy the comfort of an automatic door without complexity...



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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 fixed leaves.

Its flexibility means it can manage leaves in Securit glass and 25 mm, 38 mm, up to 50 mm profiles.

Its performances make it a reference in its class: its compact 10 cm drive unit moves heavy leaves of up to 2x120 kg.

The removable covers on both sides of the detector cover provide easy access to the drive unit without interrupting the door's operation or the detection system.

All standard functions are available and can be programmed. Users can select a multi-function or a simple control system depending on their needs.

The range of profiles

In order to provide the best solution to the requirements of each use, TINA door frames are available, as standard, in two ranges of aluminium profiles G25 or G38.

These ranges of profiles have been specifically designed to meet current standards (finger pinching). The frames are assembled using a non-silicon seal so the glazing can be changed quickly.

The 38 range is a robust solution that is suitable for glazing that is up to 26 mm thick and can be fitted with an integrated manual lock.



Pre-assembled and pre-cabled sub-units make installation simple.

All models connect to a common compact control box.

The detector cover, fixed and separate, is centred on the passage.



1 MOTORIZATION / LOCKING GROUP

2 CONTROL BLOCK

POWER SUPPLY • SAFETY BATTERY
LCD OR PICTOGRAMS CONSOLE
KEY SELECTOR • KEY CONTACT
IR BARRIER • DETECTORS • I/O CARD
MECHANICAL ENERGY OPENING
DEVICE • ELECTRIC LOCK

3 DETECTOR GROUP

JANUS UNIDIRECTIONAL
DETECTOR
COLIBRI BIDIRECTIONAL
DETECTOR

The full equipment set provides operational comfort and security for owners and users:

- An auto-control infrared barrier detects every presence in the passage and any obstacle that prevents the leaves from closing.
- An emergency battery ensures that the doors can operate if there is a power failure.
- An electrical bi-stable lock ensures that the doors are held firmly closed when the shop is shut at the end of the day or when open in secure mode such as for an all-night pharmacy.
- Entry / Exit cards are used to manage a second infrared barrier or curtain, an air conditioning control, a metal security curtain, an entry alert bell...
- It can also be connected to a keypad entry control (Digicode) or to any other access management system.
- As required by the French CO48 regulations, an IME device ensures that the leaves can be opened by Intrinsic Mechanical Energy, without any external energy source being required.

Control and Detection

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

The small sizes of the high frequency JANUS (Mono-directional) and COLIBRI (Bi-directional) radars make them especially well suited to TINA's low frame height.

They provide discrete, reliable and high performance movement detection.



Pictograms console

LCD console

Multi-function remote control

Infrared key

6-position key selector

JANUS/COLIBRI detectors