

RID

AUTOMATIONS FOR SLIDING DOORS (EMERGENCY EXIT)



AUTOMATIONS
ANTI-PANIC SOLUTIONS
WITHOUT BREAKTHROUGH
FOR SLIDING & CURVED DOOR

REDUNDANT

AUTOMATISM FOR DOORS WITHOUT THE BREAKTHROUGH OF THE DOOR WINGS

Ponzi "redundant" automatic sliding doors entrust the safety to the automatism, so that the opening of the doors in case of emergency is assured. Ponzi RID doors are used in the same areas of application of sliding anti-panic doors equipped with TOS system (Total Opening System). According to the Legislative Decree 81/2008, this type of door can be used when the TOS system can generate danger for the passage of people in the surrounding areas during the breakthrough of the doors (Annex IV - paragraph 1.5.6) The mechanism is available in measures that go from 800 mm up to 3000 mm; the weight of each leaf can be of max 100 kg.

TYPES OF DOORS AND INSTALLATIONS



Solution for anti-panic entrances in historic buildings (emergency exits)



Redundant system used on curved automation and lowered arc



Mechanical redundant system for automatic doors on a 3 or 6-door wings (emergency exit)



RID on automatic door with thermal break profiles

FEAUTES

TECHNOLOGY AND TECHNIQUE

The so-called redundant system is based on the presence of an additional series of components in order to guarantee the emergency opening (in addition, it is safe and functional). It is available in different types such as linear, telescopic and curved automations. It can be easily combined with the whole series of Ponzi profiles of 20 mm, 30 mm and 50 mm. The dimensions of the automatism, stay the same of the standard automation.

DESCRIPTIVE OF SPECIFICATIONS



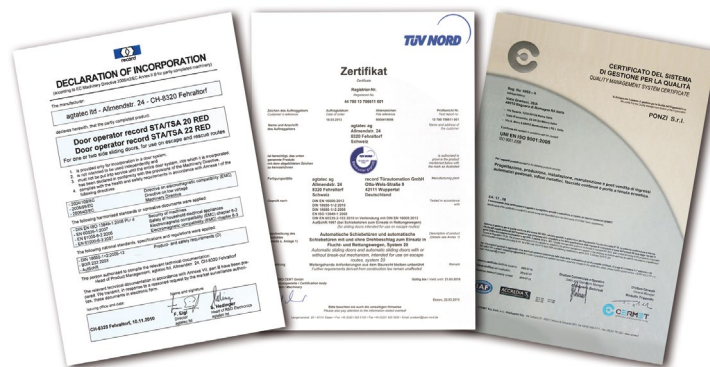
RID door actuation of the emergency button in dangerous situations



Automatic door RID with fully glazed 4-door wings (2 mobile + 2 fixed)

The automation for Ponzi RID automatic sliding doors, linear or curved with redundant technology, consists of a specific control board, one or two geared motors, an extruded aluminum track, a mechanical selector (possibly connected to an electronic one), two motion sensors (of which the monitored and obligatory internal one), the monitored redundant system that guarantees the opening of the door wings in the necessary cases (black-out, emergency, etc.), an electric lock (optional) operated by the selector key, sliding accessories and an opening box in extruded aluminum. In order to have maximum security, an emergency opening button is also provided. The function of "Night lock" can be activated through a special key selector. The automation operates through the redundant control and movement system with the permanent monitoring of all components, as required by the current European standard EN 16005. The control unit allows interfacing with external smoke and fire detection systems. In the event of a power failure during the day, the monitored auxiliary system guarantees the emergency opening of the sliding doors; in case of malfunctioning of any component, the system opens the doors and thus secures the escape route. The RID automation is suitable for use on safety exits and escape routes.

CERTIFICATIONS AND ASSISTANCE



PONZI RID automatic doors completed with quality and CE certifications



Capillary and efficient assistance and emergency services

In order to guarantee the duration and the high-quality level of its automatic entrances, Ponzi performs ordinary and extraordinary maintenance throughout the country. Ponzi solves both problems related to window frames and the electronic ones. The Ponzi RID automation complies with the European safety standards EN 16005. The system follow the rules of the Department of Fire Service of the Public Rescue and of the Italian Civil Defense prot. n. 0004963 of April 2012.

ACCESSORIES AND EQUIPMENT

COMPONENTS

The standard equipment of the redundant automation consists of a motor or a double motor, an electronic control card monitoring the entire system, an auxiliary group in order to open the door wings in the event of a power failure.



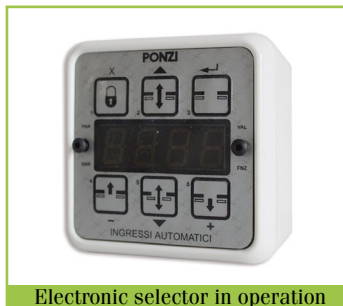
DC geared motor



Electronic control card

CONTROL DEVICES - IMPULSE AND SECURITY ORGANS

The electronic selector allows the activation of the various functions: automatic, permanent and unidirectional. The red emergency button ensures the emergency opening. The combined sensors perform the dual function of opening and presence detection, monitored as required by the current European law EN 16005.



Electronic selector in operation



Push-button in case of emergency



Sensor for wall mounting

OPTIONS: LOCKING AND UNLOCKING DEVICES

The night lock is an accessory that allows the doors to be securely closed by means of an electro-key lock operated by the selector. The automation is activated by the device connected via cable to the electric lock.



Selector of activation for the "night"



Wall-Unlocking Device



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