

Polyester plate for signal and control of airlock doors, with «touch» technology specifically designed for environment with controlled contaminations.

### Polyester plates integrated into the door frame

The «touch» capacitive technology is based on frequency variation created by a capacity changing of the sensitive area. The detection system has a self-compensation of humidity variation and of surrounding temperature circuit. The circuit is also provided with a digital filter in order to prevent RF interferences.

The frontal plate in polyester and silk screen printed, ensures a totally flushing with the door frame and a high resistance to aggressive cleaning agents.

Polyester thickness : 3 mm 0.12"

Length of the polyester : 180 mm 7.09"

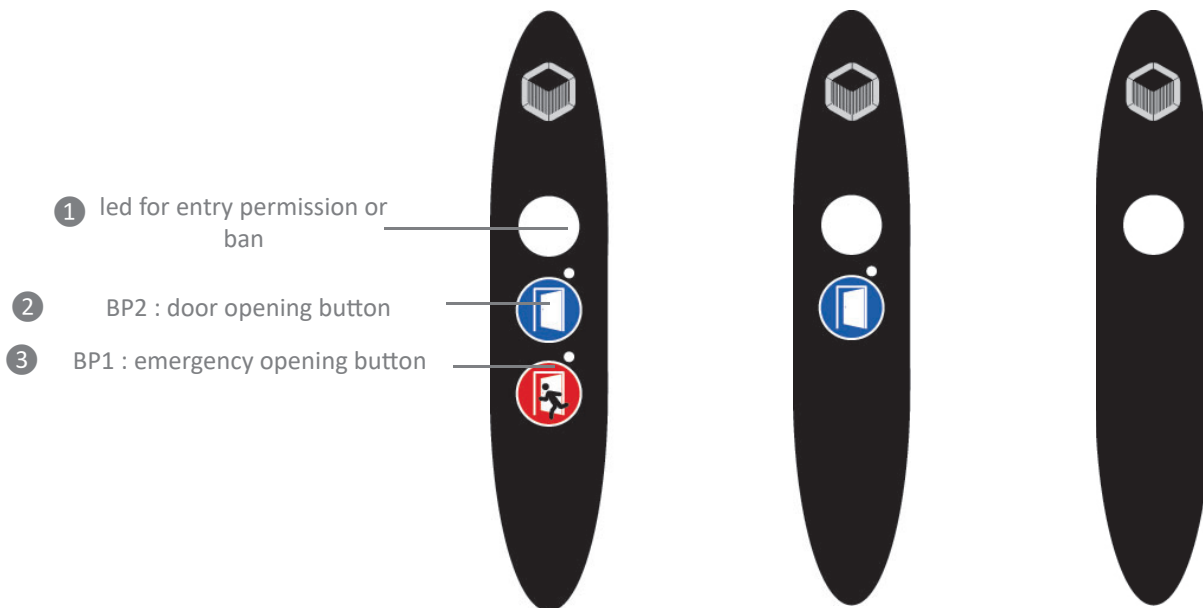
Width : 35 mm 1.38"

Thickness with the thermoplastic box : 20,3 mm 0.8"

Height : 222 mm 8.7"

Width : 37 mm 1.46"

Non visible screws and bolts : accessibility for maintenance by an access hatch on door frame edge.



- ① Indicator light red / green : according to the condition of other doors and «mode» required.
- ② Opening of localized door : opening permission of the concerned door.
- ③ Safety opening : unlocking of all doors (can be deactivated and changed by the emergency release push button).

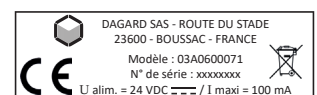
Buzzer integrated in each plate : in case of safety opening or working anomalies of airlock, the alarm rings.

Working conditions : from +5°C to +40°C 41°F to 104°F, max. humidity 70%

Storage conditions : from +5°C to +45°C 41°F to 113°F, max. humidity 75%

Protection degree IP67

CE marking according to the directive BT 2014/35/UE and certified EMC (*Electromagnetic compatibility*) according to the standards EN 61000-4-2 : 2005 and EN 61000-4-2 : 2005 standards.



### Power

Power supply : 24 VDC  
Power max: 60mA 24VDC

Those plates need to be powered. They can not work alone. A separate supply or a «full» control module is needed.

Control module:

Integrated in the door frame, it allows the plates supply and the communication between the other elements.