



PRODUCT INFORMATION



Reference : FD-500-643

DESCRIPTION

More than a conventional exit button, the FDI contactless door button provides an increased level of security thanks to its “double cage”, vandal protection and the FDI security protocol.

The contactless output button also provides more modularity in use thanks to its two opening modes, its adaptability to alternating current and continuous currents, and the possibility to inhibit the “contactless” function.

In fact, the FDI contactless door knob is equipped with two completely electrically isolated cages. The NO knob used to control the push button input of the control unit can never be in direct contact with the NC contact wired in series on the power supply of the breakaway lock.

Unlike the infrared buttons on the market, which can be fraudulently activated from outside the building with a laser or a commercial infrared remote control, the FDI model offers a higher level of security. In fact, the FDI contactless door knob has a coded thread from its proprietary protocol and thus prevents any attempt to bypass it.

The FDI non-contact door knob has an IK10 protection rating and meets the highest IK protection level.

TECHNICAL SPECIFICATIONS

Consumption

Recommended feed type :

- 12-24AC 2.5W minimum
- 12-24DC 1.5W minimum

Temperature

- Storage temperature: -40°C to 80°C
- Storage humidity: 60% RH (IR sensor)
- Ambient operating temperature : -20°C/ +70°C

Standards applied

- EMC Directive: 2014/30/EU
- Harmonised standard EN55024:2010 and EN55032:2015 + A11 2020
- For SAFETY: 62368-1:2014/AC:2015

Maximum detection distance

Between 10cm and 30cm depending on the nature and colour of the substrate.

Cable type(s) and length(s)

The wiring recommendations are imposed by the access control centre that manages the button.