

User guide

fasttel[®]

Door Entry Systems

FT(B)23K(F)



1. Description

The FT23K(F) is an access keypad that can function in 3 ways:

1. Stand alone: via 2 built-in relays
2. Stand alone: via 2 relays of the optional DINrail module FT25KINT. The latter offers more safety as the relays are located elsewhere.
3. Wiegand connection to e.g. the Fasttel Door Access System (DAS)

The outdoor unit FT23K (surface-mounted) and FT23KF (recessed) consists of a bronze panel available in three colors or black anodised.

As stand alone, 24 codes can be programmed consisting of 4, 5 or 6 digits.
The FT25KINT also provides 2 outputs to activate 2 relays.

In Wiegand mode, the external Wiegand controller determines the number of available codes.

Order codes:

FT23K: Surface mount access keypad

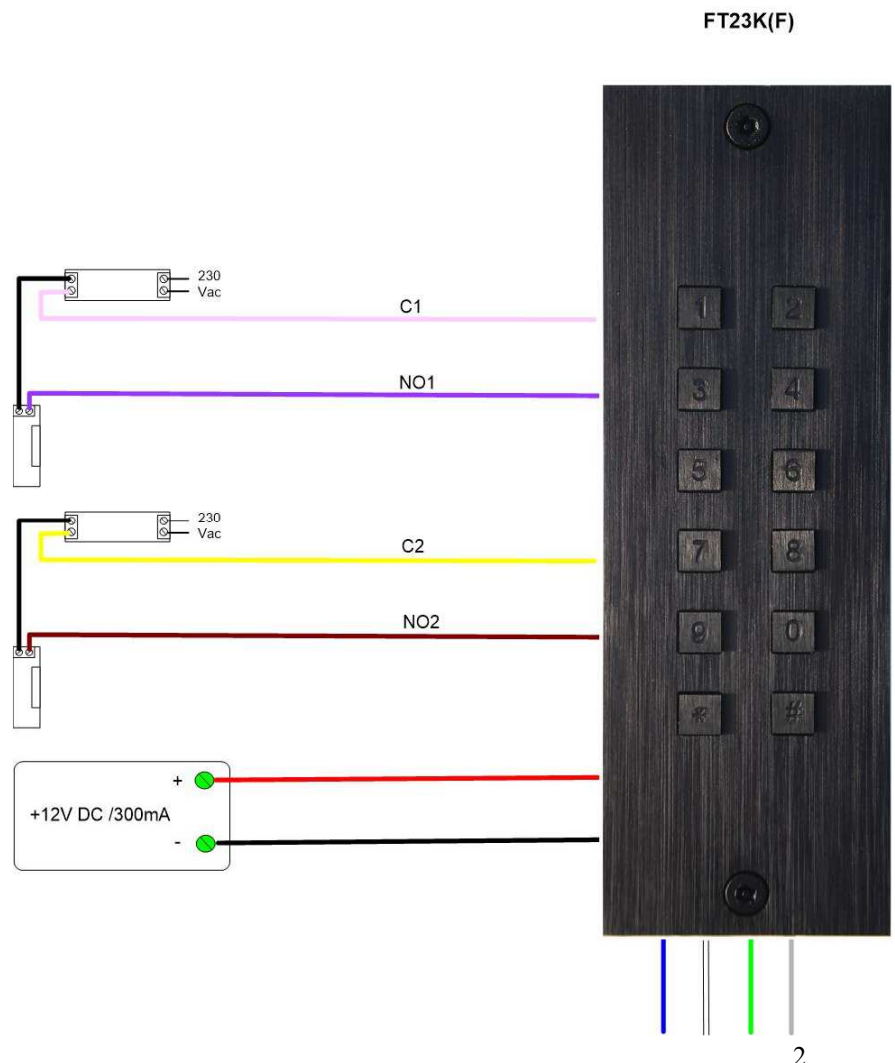
FT23KF: flush-mount access keypad

(FT25KINT: 2 relay remote control module (not needed if using 2 internal relays or Wiegand))

2. Connections

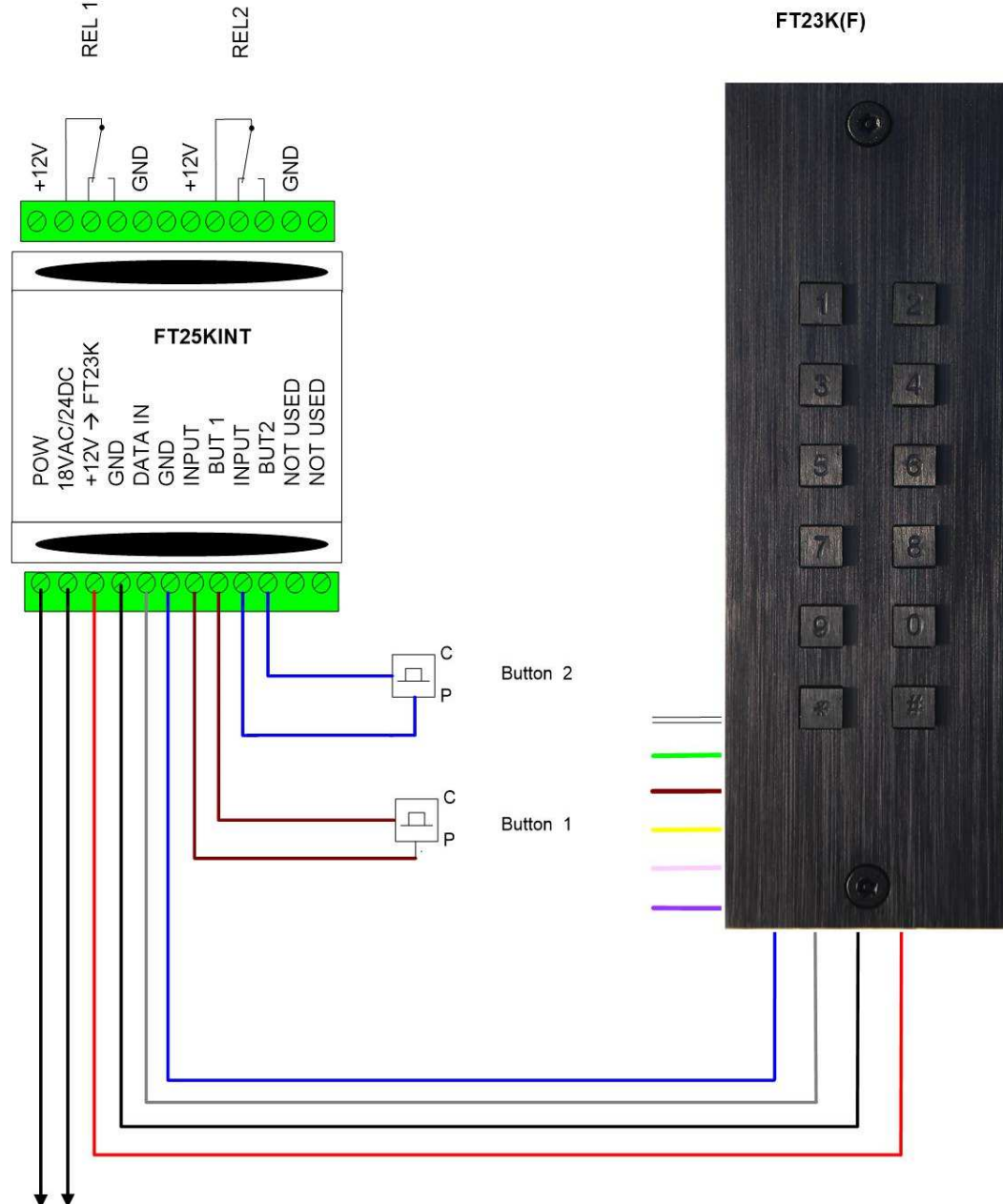
2.1 stand alone: 2 relays

Red = +12V
Black = GND
Bleu = Not used
White = Not used
Green = Not used
Grey = Not used
Brown = relais2 NO
Yellow = relais2 C
Pink = relais1 C
Purpel = relais1 NO



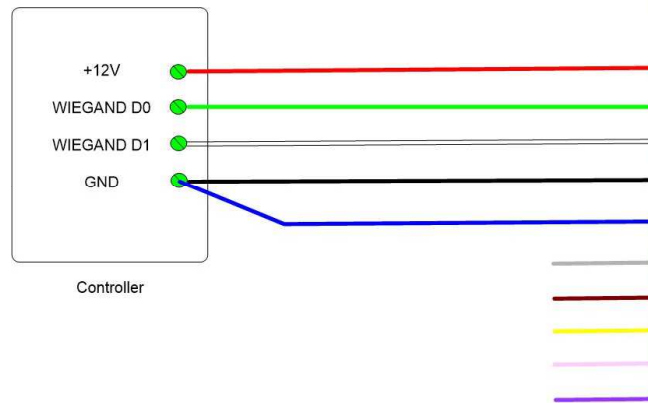
2.2 stand alone with FT25KINT

- Red = +12V
- Black = GND
- Bleu = GND
- White = Not used
- Green = Not used
- Grey = DATA IN
- Brown = Not used
- Yellow = Not used
- Pink = Not used
- Purpel = Not used



2.3 with Wiegand connection

Red = +12V
 Black = GND
 Bleu = GND Wiegand
 White = Wiegand D1
 Green = Wiegand D0
 Grey = Not used
 Brown = Not used
 Yellow = Not used
 Pink = Not used
 Purpel = Not used



3. Programming

Access to programming: Press ***1996***

After entering the code above you should hear 3 tones → tit tit tut indicating that you have entered the main menu.

-Each correct code is confirmed by two long beeps (tuttut)-
 -Any wrong code is confirmed by three long tones (tuttuttut)-

Programming Relay

First choose from the 2 modes:

930 : activate connection with FT25KINT (default) **tuttut**
936 : activate Internal Relays (default) **tuttut**

Thereafter:

920 * i aa xxxxxx # :

- **i** = (Relay) 1 or (Relay) 2
- **aa** = index code 01 untill 24
- **xxxxxx** = 4, 5 or 6 digit code.
- End with **#** **tuttut**

Example:

- First code to activate relay 1 with the code 1020:
This is programmed with 920 *1 01 1020#
- Second code to activate relay 2 with code 112233:
This is programmed with 920 *1 02 112233 Etc..

937x / 938x : determine the duration of internal relay 1 / relay 2
where x = 00 pulse of 100msec
x =01..98 pulse from 1 second to 98 seconds (default =02)
x= 99 toggle contact

Note : code 920*# deletes ALL programmed access codes.

Programming Wiegand

931 : activating Wiegand modus (choice of Wiegand protocol by code 933) **tuttut**

933x : choice of Wiegand protocol (software V1.7)

- | | | |
|----------|----|--------------------------------------|
| <u>x</u> | 1: | Rosselare format tuttut |
| | 2: | 6 Bit nibble (Paxton) tuttut |
| | 3: | 8 Bit Wiegand (Digit) tuttut |
| | 4: | 4 keys binary (Paxton) tuttut |
| | 5: | pincode format Fasttel DAS (tuttut) |
| | 6: | Wiegand 26 tuttut |

Change program code

999 : Entering new programming code (4 cijfers)

for example: 999 1745 (tuttut): after exiting programming mode, you must enter *1745* to get to the main menu instead of *1996*.

: exit programming mode **(tuttut)**

4. Dimensions

FLUSH-MOUNTED MODEL:

Height: 166 mm | Width: 55 mm
Recess to be fitted: 132x48x20mm (HxWxD)

SURFACE-MOUNTED MODEL

Overall dimensions: Height: 136 mm | Width: 55 mm

If you have any questions call Fasttel Smart Doophones:
On the number **0902 00060 for end users (only from inside Belgium)**
On the number **+(32) 9 2446520 (choice 2) for installers.**