



Cardax FT Dialler 3000

Cardax FT Diallers (3000 & 5000)



Cardax FT Dialler 5000

The Cardax FT Diallers (3000 & 5000) facilitate system communications providing effective access control and security for remote sites.

Cardax FT Diallers enable remote alarms management in conjunction with either the Cardax FT Command Centre – the head-end of the system, or with an alarm monitoring company.

Cardax FT Diallers also enable an on-demand connection between the Cardax FT Command Centre and remote Cardax FT Controllers, for configuration and security management.

A Cardax FT Dialler and its Cardax FT Controller can be configured to dial via both of these methods on the occurrence of an alarm.

Cardax FT Dialler 3000 and Dialler 5000

There are two variants of the Cardax FT Dialler. They are optional devices that attach on-board their respective Controllers via their RS232 Ports:

- Cardax FT Dialler 3000 attaches to the Cardax FT Controller 3000
- Cardax FT Dialler 5000 attaches to the Cardax FT Controller 5000.

The performance specifications for both Cardax FT Diallers are identical. They are different in physical layout, in order to fit their respective Controllers.

Communications

The Cardax FT Dialler dials out to the Cardax FT Command Centre or the alarm monitoring station over telephone lines.

Importantly, the Cardax FT Dialler is able to seize the phone line to transmit alarms, when the line is shared with a normal phone or other device.

The peer-to-peer communications between Cardax FT Controllers enables a Controller fitted with a Cardax FT Dialler to support alarm monitoring and operate as a back-up dialler for other Cardax FT Controllers (3000 and 5000) on site.

Refer to the Cardax FT Controller data sheets for connectivity diagrams.

Contact ID Protocol Supported for Off-Site Alarms Monitoring

The Cardax FT Dialler facilitates off-site monitoring by transmitting alarms to remote monitoring stations using industry-standard Contact ID data format.

Using Contact ID, the Cardax FT Dialler can be configured to:

- Dial on the occurrence of specific alarms or events
- Provide periodic test transmissions (24 hour test and configurable line test)
- Dial on the arming (setting) /disarming (unsettling) of alarm zones

Dial-up Connection to Cardax FT Command Centre

The Cardax FT Dialler can be used to facilitate communications between the Cardax FT Command Centre server and Cardax FT Controllers located at remote sites. This dial-up connection can be used for remote site configuration including access control for cardholders and alarm configuration.

The Cardax FT Dialler will dial-up on demand, for example when an alarm occurs or when the event buffer of the Cardax FT Controller reaches a pre-defined threshold.

Configuration



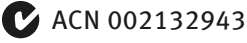

Remote alarms monitoring using the Contact ID protocol and the dial-up connection to the server are set up in the Cardax FT Command Centre.

They can both be configured to dial on the occurrence of an alarm. In this scenario, dial-up to a remote alarm monitoring station occurs first followed up with dial-up to the server.

Housing and Power

Each Cardax FT Dialler is mounted on top of their respective Cardax FT Controller, which is housed in the Cardax FT Cabinet.

The Cardax FT Dialler is 13.6V DC powered and can share the same power source as that provided for the Cardax FT Controller.

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| October 2003 | | |
| TECHNICAL SPECIFICATIONS | Cardax FT Diallers 3000 & 5000 | |
| Dimensions | Cardax FT Dialler 3000 | 113 X 54mm |
| | Cardax FT Dialler 5000 | 97 X 94 mm |
| Power Supply | 13.6V + 15%, 300mA | |
| Temperature Range | -10 to +55 °C | |
| EMC Standards | EN 50130-4 EN 55022 | |
| Mounting | Cardax FT Dialler 3000 plugs vertically into P3 on the Cardax FT Controller 3000 PCB Cardax FT Dialler 5000 plugs horizontally into P1 and P8 on the Cardax FT Controller 5000 PCB. | |
| Communication | RS232 | |
| Compliance Standards | NZ Telepermit, A-Tick C-Tick, CE | |
| |     | |
| Part Numbers | Dialler 3000 | C200620 |
| | Dialler 5000 | C200630 |

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