



User guide

CABAPROX/W

Version 1.0

Overview

Introduction

The CABAPROX product is a combination between two products:

- A biometric access control system ,
- A CBIOS access control system.

The CABAPROX product is able to run :

- 9999 sites,
- 16 doors per site,
- 156 tags on the black list per site,
- 24 sites per master tag,
- 1 Template per tag.

Minimum required configuration

Computer with Windows 2000 or XP.

A CD-ROM reader.

512 Mo RAM.

1 connector USB 2.0.

1 connector DIN 9 pts female.

Biometric Access Control System

The biometric access control system contains:

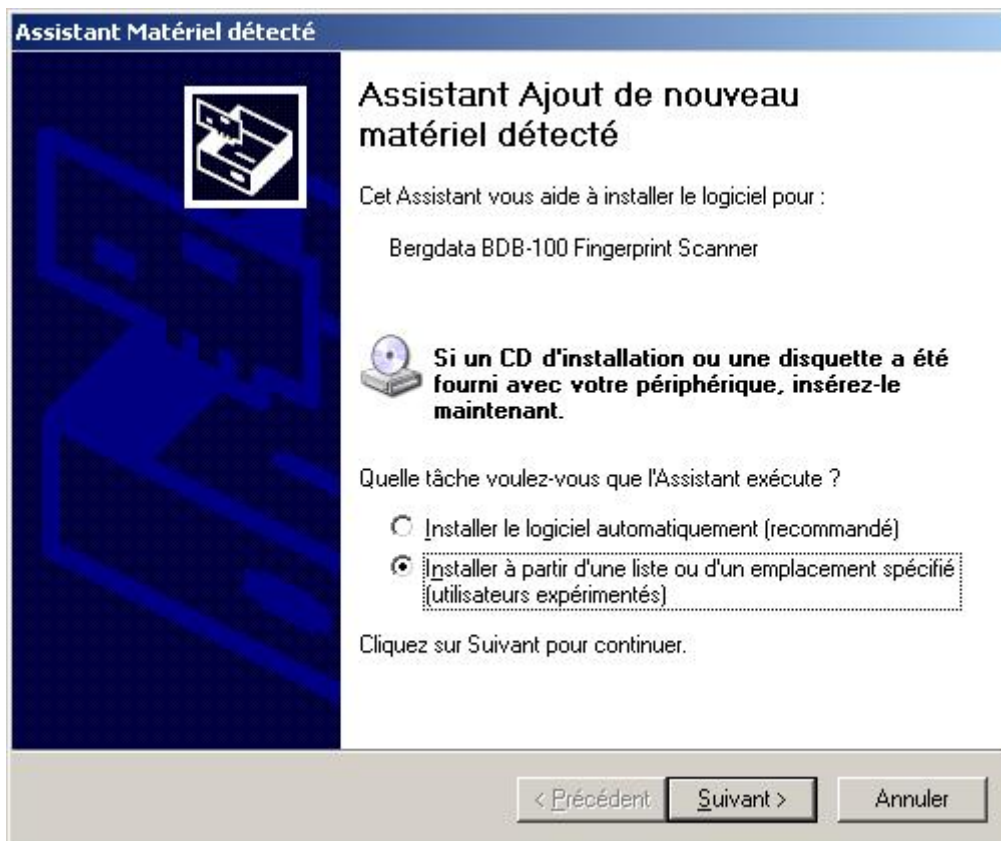
- A USBSCANNER fingerprint reader,
- A proximity enrolment unit for the tags PCMB.
- A Software CABAPROX working with Windows 2000 or Windows XP,

Installation of the USB Scanner reader

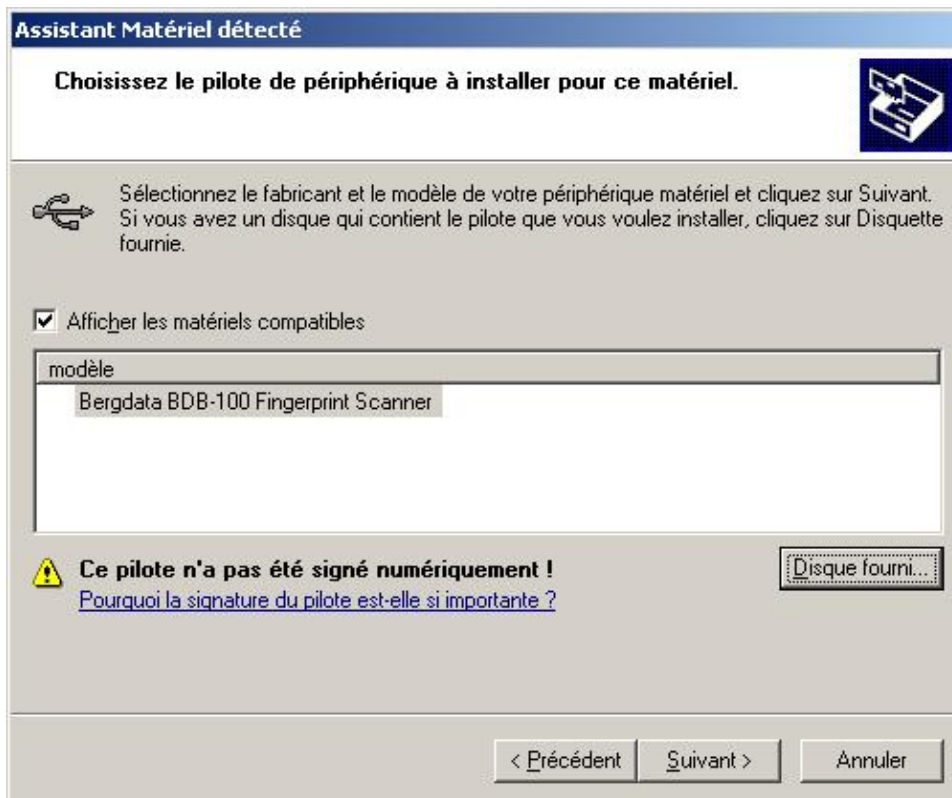
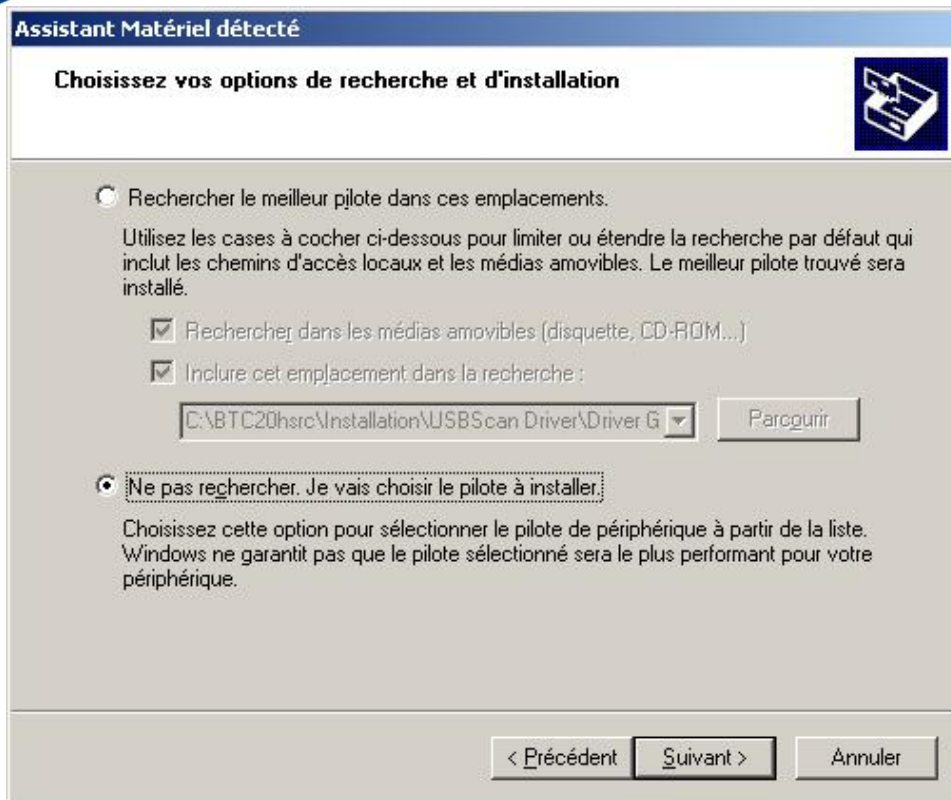
Insert the Software Caba 2.0 in your computer.

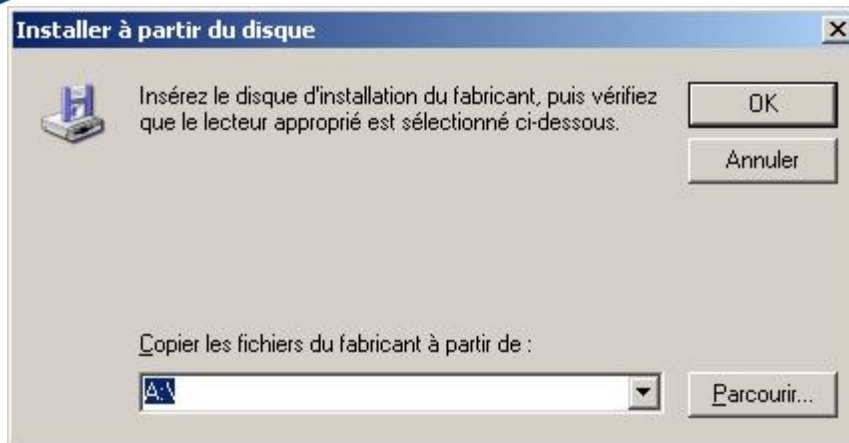
Connect on the computer the USBSCANNER..

When the next screen appears, select « install from a list » and click on next.



In the next screen, chose « Do not look for...»

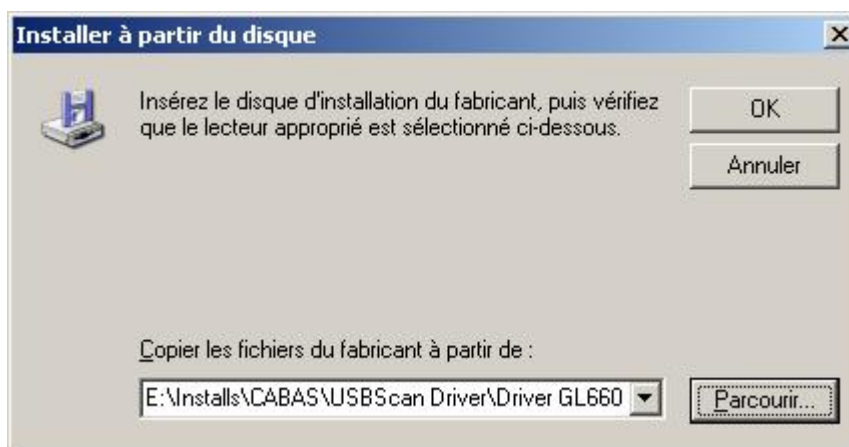




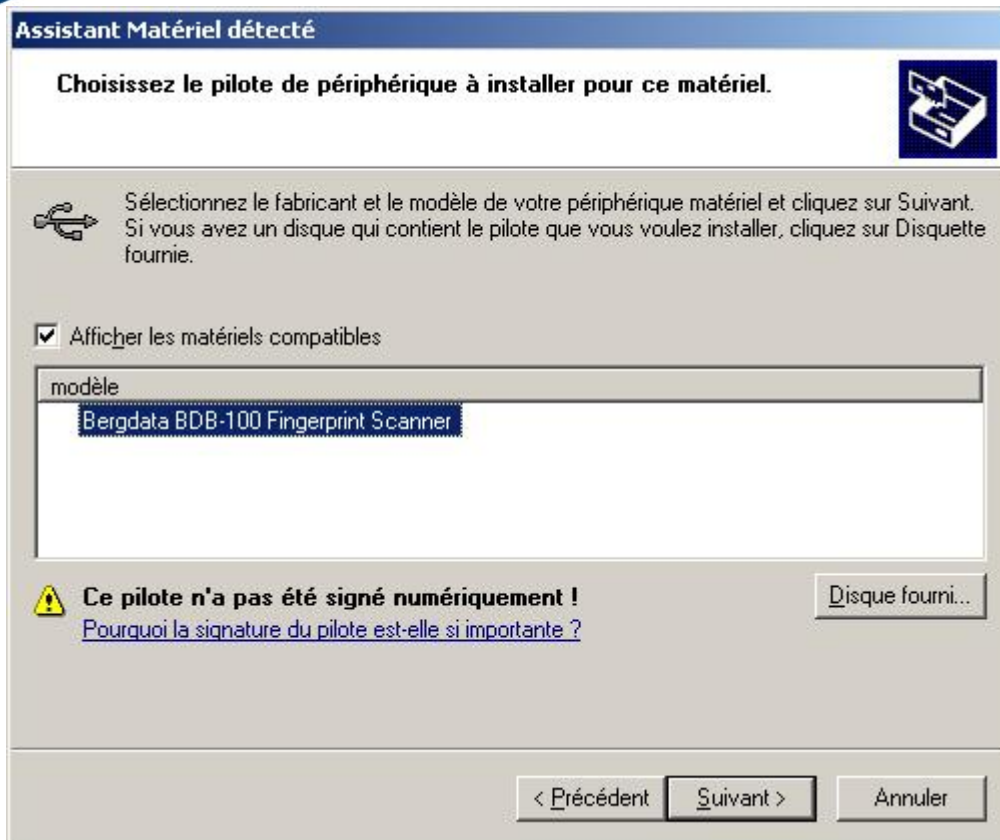
Click as follow on the CD ROM reader and open the « USBSCAN Driver” Directory and then “Driver GL660_16_11_05” .



Click on « Open” so that the following screen appears:



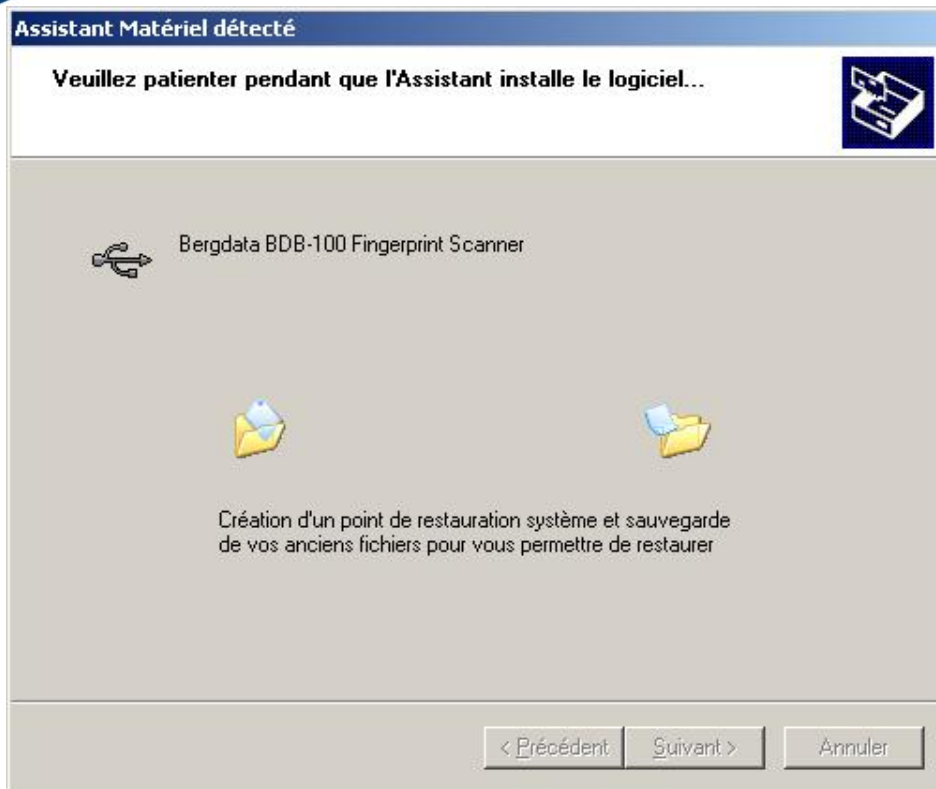
Click then on « OK » (even if the inscription is different from here above). Then the following screen appears:



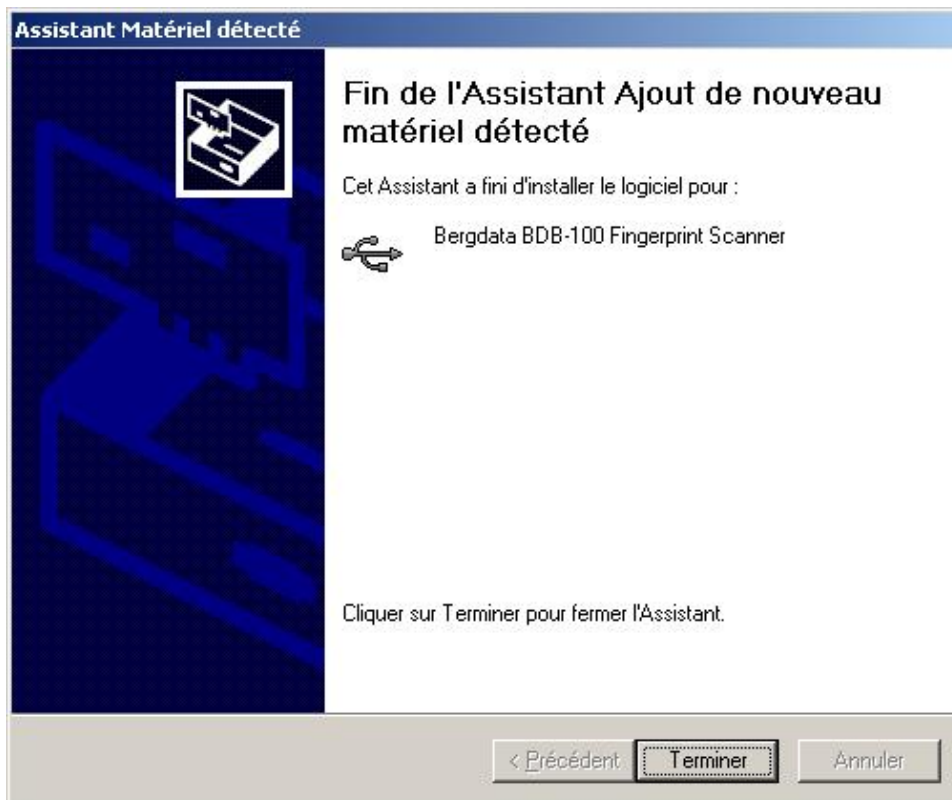
In the above screen, click on « Bergdata BDB-100... » to select it and then click on next



Click on Continue.

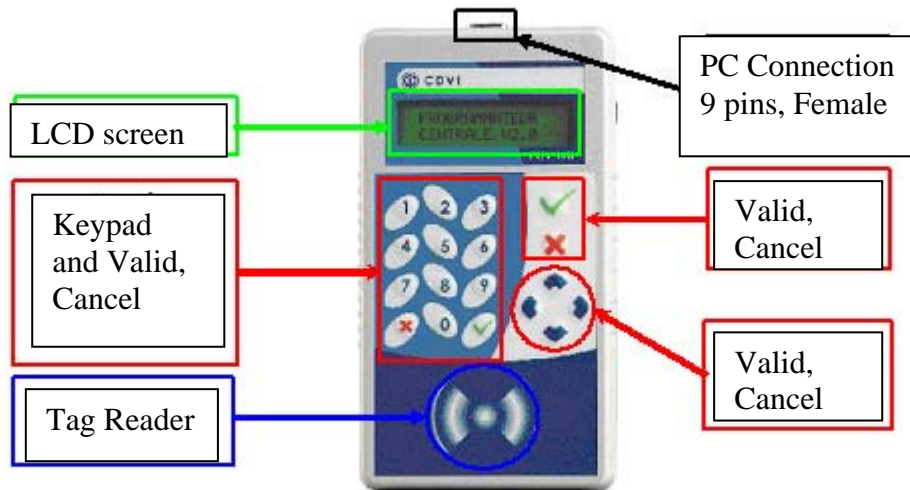


Wait till the end of the installation until the following screen appears:



The Driver is installed; you can click on « close ».

Installation of the Proximity Enrollment Unit for tags PCMB



Connect the Enrolment Unit PCMB to the Computer with a DIN 9pts cable male/female. Power it.

The Enrolment Unit cable allows to format and to program proximity Tags thanks to various menus. For more information, please read the Cabaprox online help.

The PCMB allows to pre format and / or to program the tags as listed :

- Blanc Tag
- User Tag allowing access to one or more doors of a site.
- Master tag granting access to the administrator to every door of one or more site.
- Site tag allowing the configuration of a site.
- Black listed tag allowing the update of the black list for every doors of a site.

Installation of the Software CABAPROX

Go on the CD R and go in the Directory "Disk1", Start the Program "SETUP.EXE" et let the program guide you.

At the end of the installation, the following screen will appear:



Click on the « Finish » to close the window.

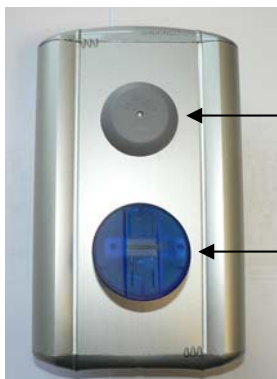
To execute the Program, click on « Start », « All Programs », « Cabaprox » and « Cabaprox » and then chose your language, OK.

If you need help click on F1.

The CBIOS Access control System

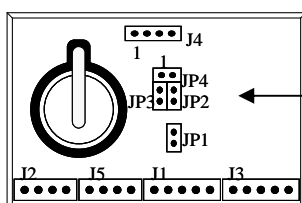
The CBIOS Access Control System contains:

- A fingerprint reader LED,
- A controller CAP,
- A Mifare Tag reader/writer



- Mifare Tag reader/writer

fingerprint reader LED.



Controller CAP.
Jumper JP1 to program site.



The Fingerprint Reader LED

The Biometric Reader LED contains:

- A sensor in the Middle,
- Three green LEDs.

The Biometric reader can be connected either to :

- A multi technologies Controller
- A WIEGAND Output.

Technical features:

- Power Supply 12V AC/DC,
- A relay output RCT 3A/30DC,
- A request to Exit Input
- A tamper switch contact
- Consumption in 12V AC or DC is 450mA maximum.

The Fingerprint reader receives from the controller CAP the read fingerprint and the number of the tag if the tag is authorized on the door.

Then, if the biometric reader identifies the read fingerprint to the one register on the tag, the reader will activate the relay and forward to the interface the tag number.

There is no preferred sequential order between the reading of the tag and the reading of the Fingerprint.

To run the LEDs, please refer to the CABAPROX help on line.

The Controller CAP

The CAP Controller runs the Mifare Tag.

The Cabaprox reader control one door among sixteen.

The Controller runs the access for users.

Controller programming :

If the Controller is blank from any programming (cJP1Jumper not set) or if the Controller is in « program mode » (JP1 jumper set), the LED of the Controller flashes in a fast way until a Site tag is read.

If you have not done it yet, please set the jumper JP1 to realize this.

Once the Antenna detects the Site tag, the Orange LED lights on when the controller initializes.

Once the Orange LED comes off, remove the JP1 Jumper so as to re enter « the Access mode » again.

The Site tag will run the parameters of the Controller; the Site tag is programmed by the PCMB.

On the Site tag is recorded:

- The Site Number,
- The Door Number,
- The Black list for all the forbidden tag.



Access Mode Controller

Once the controller is programmed for a Site and the JP1 is removed, the Red LED slowly flashes showing that the Controller is ready to read a user Mifare tag.

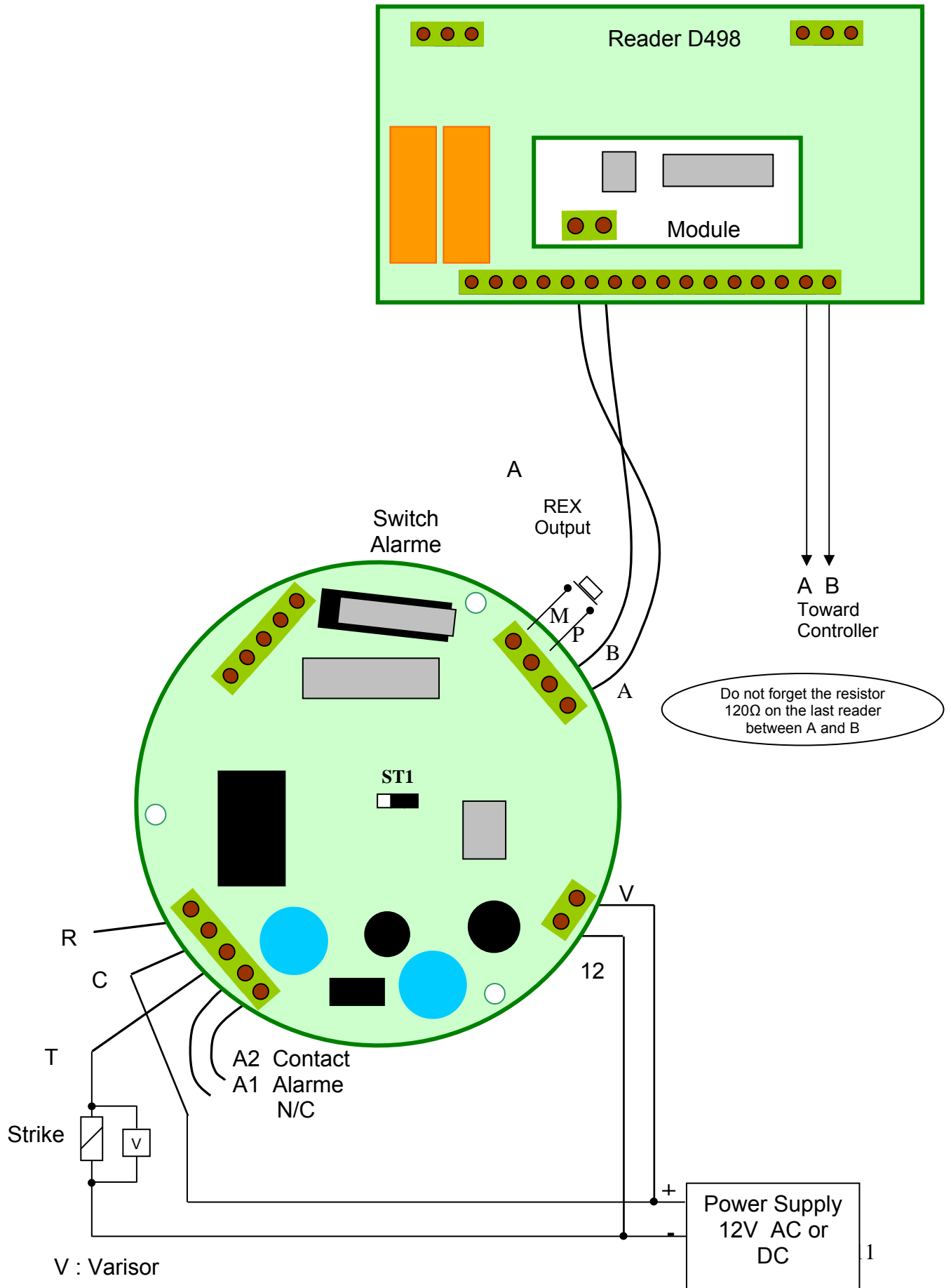
Present a tag, the Green LED starts flashing very fast. Once the tag is read, if:

- The tag is read and valid for the door, the green LED lights on steady for a little while,
- The Tag is read but not valid for the door or the site, the Red Led flashes very fast for ten seconds,
- The tag is red but is on the Blacklist of the Controller, the red LED comes on Steadily for ten seconds,
- The tag is unknown or can not be read, the red LED flashes slowly for 10 seconds.
- The tag is a Mifare tag but not recorded the Orange LED flashes for 10 seconds.
- The tag is a Tag of the Controller DGM1 or DGM4, the Orange LED flashes for 10 seconds.

CE Norms

The CAP Controller complies with the R&TTE1999/5/CE norm: electrical security EN 60950(2000), norm CEM EN 50130-4, norm radio EN 300 330-2(2001).

Wiring between the Multi Technologies Controller and the LED reader



Wiegand Wiring for the LED reader

