

BioTag - Fingerprint System

In the software program: You can manage different fingers to activate different relays. If you want that - then you have also to choose PID (Wiegand number). It is in the enrollment. The Wiegand number can be chosen by change. The Wiegand number is also for integration into a bigger Access Control System where the users normally have a card with a number - then you can key in that number to be registered in the same way for using the fingerprint.



Networking: PC Interface (PCI 3000) Art. no. 460184

The fingerprint readers are able to work in a network - on the RS 485 BUS (blue and orange color). To get in touch to each reader from the PC you need the PC Interface (art. no. 460184) Art. no. 460184: PCI 3000 (PC Interface from RS485 to RS232).

It is to program the fingerprint readers and the relays in the 4 relay module in a network.

It includes cable to the PC and there are 4 connectors:

	Power	Power	485 communication	485 communication
PC Interface*	+	-	X-	X+
4 relay module	12 V	0 V	B	A
Cable color	Red	Black	Orange	Blue

*The PC Interface / 4 relay module can also be connected through the RJ 12 adapter in the assembly box CVT2/CVT3

The fingerprint readers has to be wired in a line (blue - blue and orange - orange in parallel).

The PC Interface can be wired in the end of the BUS with the color shown.



The 4 relay module: (FP 4 relay) Art. no. 460186

This relay is configured to work with the fingerprint reader with ID number 1. Relay 1-2-3 gives an pulse on 3 sec. (can be changed) and relay 4 will toggle (on/off). Means that the fingerprint ID 4 will toggle the relay each time the finger is accepted in the reader.

In a network:

In a network you have to change the fingerprint ID number in order to give each reader a unique number. Easy to program by the windows program. Under module setup change the ID and write the configuration to the reader.

Networking with the 4 relay module:

The 4 relay module can be allocated to the fingerprint reader you want (one or more):

There is a jumper to let it in Learning mode or Work mode: It is delivered in Work mode - and the relays will be activated by ID number 1.

Learning mode - Jumper up to the relays. Will learn after power off/power on, and by showing an enrolled finger in the ID(s) you want to activate the relays.

Eg: You want a 4 relay to be activated by fingerprint reader with ID number 4:

Enroll a finger in ID number 4: Jumper in Learning mode, power off/power on - then show the enrolled finger in the reader. Move the jumper Then this 4 module will be managed by ID number 4. If you want more ID's to activate this relay module - just show an enrolled finger in the ID's you want.