

VproX – 20 SISTEM
1 DOOR, 20 KEYS

DESCRIPTION

The **VIDEX VproX-20** is an advanced access control system based upon the **VIDEX** unique Coded proximity Key giving over 4 billion combinations. The system will operate and control one door and store up to 20 proximity Tag or Card, the door can also have an additional reader. Connections from the reader to the control equipment can be made using un-shielded 5 core cable up to a distance of 200 meters, or a maximum resistance of 10 Ohms.

- Push to exit switch door will operate the relay in the control unit for the programmed entry/exit time.
- Security against sabotage, is maintained by having the VproX control equipment remote from the reader head. Should un-stored proximity keys attempt to operate the system, the control unit will disable the reader after every 5 attempts, the duration of the reader disable time will increase if further attempts are made.
- The control equipment has two LEDs that confirms all data in programming mode.
- The system has 2 push buttons for programming the information.
- Using these buttons it is possible to :
 - Program up to 20 unique proximity Tags.
 - Delete one or more Tags.
- There is also a 2 Dip-Switch bank to program the door relay time (2-4-6-10 seconds)

INITIALISATION

When the installation has been completed (carried out in accordance with the supplied wiring diagram), the system can be powered up and programmed following the VproX-20 Programming FLOW CHART, on completion the VproX-20 is ready for use.

NOTE: we suggest to separate the Mains lines (lift, electricity, electric lock, etc.) from the reader connection line (at least 10 cm. far or use shielded cable for it) to avoid electrostatic discharge and magnetic influence which could give control problems to the CPUs present on the system.

OPERATION

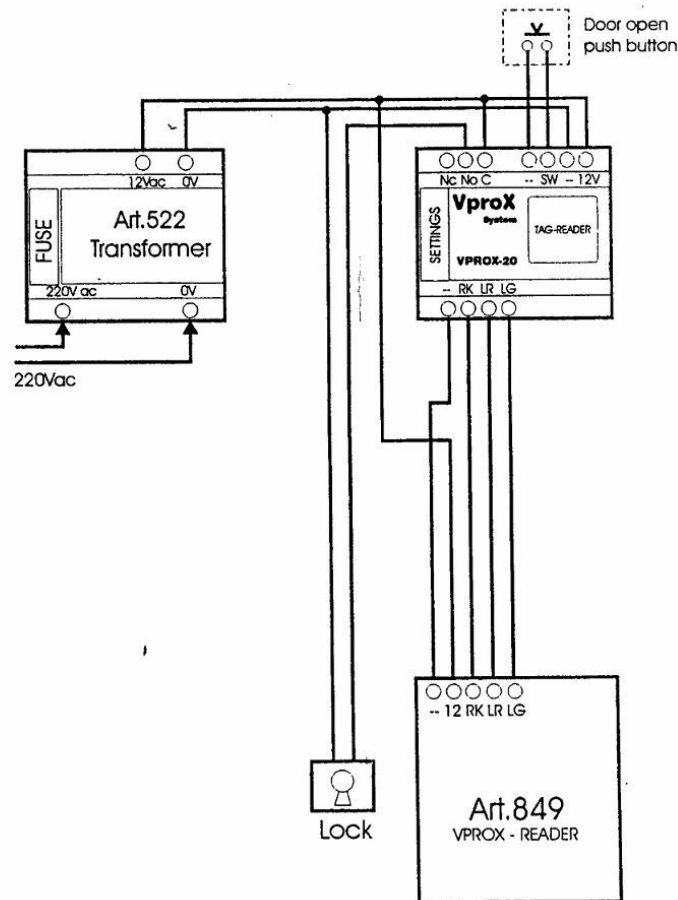
In stand by mode, when a user put a stored proximity key on the reader, the reader LED's will display green and a sharp "beep" will be emitted. If the key is not programmed the reader LED's will display Red and a low "beep" will be emitted

To operate relay for the programmed time (door open) a n/o switch or short across terminal "SW" to ground is required.

TECHNICAL SPECIFICATIONS

Storage capacity	100 keys or Tags
Working voltage	12V DC +/- 10%
Current (Quiescent)	Approx. 100mA
Current (During operation)	200mA max.
Working temperature	-10 +50 C degrees
Lock output	5A 30VDC Dry contact

VproX-20 Wiring Diagram



PRELIMINARY