LAT *Standalone proximity reader*

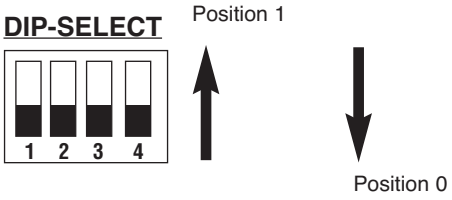
Quite suitable for controlling alarm systems and single-door automatisms. Allows the erasure of users, even if the TAG is lost. Equipped with authentic 2-amp NO/NC relay contacts

TECHNICAL FEATURES

- Power supply: 12v CC
- Consumption: 80 mA
- Watertightness IP66 by resin
- 30 users
- 1 output relay 2A contact NO/NC
- Programmable output configuration as either start/stop or pulsed from 0 to 240 seconds.
- 1 programming card
- 1 input for push button
- Indicator light (green) – relay energised
- Indicator light (red) – relay de-energised
- Buzzer and indicator light (yellow) – action
- Position indicator light
- Self protection
- 3m cable
- Security: after 5 incorrect codes entered, the keypad blocks and emits an alarm signal for 30 seconds
- Inviolability: 1 chance in over 4.000 different TAGs
- Max. TAGs lenght: 8cm

OPERATING

DIP-SELECT in position 0000 - Normal
TAG readings up to 8 cm
Indicator light (green) – relay energised
Indicator light (red) – relay de-energised



CONNECTION

Cable color	*Line*
Brown	+ power supply
Grey	- power supply
White	NO relay
Red	NC relay
Yellow	C relay
Green	Push button
Rosa	Self protection
Blue	Self protection

The NA and NC pins must be connected to the brown and green wires respectively

PROGRAMMING

PROGRAMMING PROG CARD

1- Ensure that DIP-SELECT is in position 0000
2- Disconnect power supply
3- Connect the push button input to negative
4- Reconnect power supply
5- Disconnect the pushbutton line, leaving it exposed
6- Swipe the PROG card close to the reader.

SEQUENTIAL USER PROGRAM (one after the other automatically)

1- Ensure that DIP-SELECT is in position 0000
2- Swipe the PROG card
3- Swipe the user card. They will occupy consecutive memory positions (01 to 30)
4- If no free positions are left, this is indicated by an error beep.

PROGRAM THE 1-AMP RELAY TIME AT 240 s

1- Select position 1111 via DIP-SELECT
2- Connect the push button input to positive
3- Swipe the PROG card
4- Perform beeps every second to indicate the time that has passed (max. 240 s)
5- Disconnect the pushbutton input when the required time has passed

PROGRAM STEEL RELAY TIME (START/STOP)

1- Select position 1111 via DIP-SELECT
2- Swipe the PROG card and keep it there for several beeps

ERASE ALL USERS

1- Select position 0000 via DIP-SELECT
2- Swipe the PROG card, keeping it in position for 5 beeps
3- BIIIIIP
4- Remove the PROG card
5- Before 10 s have passed, Swipe the PROG card again, keeping it in position for 5 beeps.

INDEXED PROGAMMING OF AN USER, IN A PARTICULAR POSITION

User 01 to 10

1- Select position 1100 via DIP-SELECT
2- Swipe the PROG card
3- Select position 0001 to 1010 via DIP-SELECT
4- Swipe the PROG card
5- Swipe the user card

User 11 to 20

1- Select position 1101 via DIP-SELECT
2- Swipe the PROG card
3- Select position 0001 to 1010 via DIP-SELECT
4- Swipe the PROG card
5- Swipe the user card

User 21 to 30

1- Select position 1110 via DIP-SELECT
2- Swipe the PROG card
3- Select position 0001 to 1010 via DIP-SELECT
4- Swipe the PROG card
5- Swipe the user card

CAUTION!
Do not forget to put DIP-SELECT in position Ø after programming the TAGs and configuring the TIMES. If you do not do this, the use of the LAT could change the data that have just been programmed.

Selection	Position		
DIP-SELECT	1 to 10	11 to 20	21 to 30
0001	1	11	21
0010	2	12	22
0011	3	13	23
0100	4	14	24
0101	5	15	25
0110	6	16	26
0111	7	17	27
1000	8	18	28
1001	9	19	29
1010	10	20	30

ERASE AN USER, IN A PARTICULAR POSITION

User 01 to 10

1- Select position 1100 via DIP-SELECT
2- Swipe the PROG card
3- Select position 0001 to1010 via DIP-SELECT
4- Swipe the PROG card, keeping it in place for several beeps.

2 consecutive BEEPS :
CORRECT OPERATION
A serie of consecutive BEEPS :
ERROR

User 11 to 20

1- Select position 1101 via DIP-SELECT
2- Swipe the PROG card
3- Select position 0001 to 1010 via DIP-SELECT
4- Swipe the PROG card, keeping it in place for several beeps

User 21 to 30

1- Select position 1110 via DIP-SELECT
2- Swipe the PROG card
3- Select position 0001 to 1010 via DIP-SELECT
4- Swipe the PROG card, keeping it in place for several beeps.

DECLARATION OF CONFORMITY : ACIE AUTOMATISME SARL hereby declares that the proximity readers, model LAT conform to the essential requirements and other provisions under Directive 1999/5/EC.

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