Camden Manufacturing

CM-50SN

FEATURES

. Operating voltage 12 V DC or AC
. 2 relay outputs N.O & N.C. contacts 8 amps @ 250VAC
+ 1 relay output N.O contact 6 amps @ 250VAC
. Adjustable or latched output time
. 50 programmable user codes split into three groups
. 4 or 5-digit master code
. 4 or 5-digit user code
. 2 request-to-exit buttons
. 1 external button
. 12-digit keypad with a built-in buzzer

DEFAULT VALUES

Factory's master code: 1234 in 4-digit mode
12345 in 5-digit mode
Relay time delay: 01 second
Security time delay exit from programming mode: 2 minutes

GROUP USER CODES

USER CODE	RELAY	KEY-IN POSITION
Group 1: from 00 to 29	relay 1	51
Group 2 : from 30 to 39	relay 2	52
Group 3 : from 40 to 49	relay 3	53

KEYPAD

Programmable digital keypad that consists of a 12 digit keypad 0 to 9, A and B, and an external button.

WARNING

THE MASTER CODE, 0000 AND 00000 CODES CAN NOT BE USED AS A USER CODE.
THESE 2 LAST CODES CAN ONLY BE USED TO CANCEL AN EXISTING CODE.

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DIP- SWITCHES

N° 1: ON without audible beep
OFF with audible beep
N° 2: ON programming mode disabled
OFF programming mode enabled
N°3: ON 4-digit user code and master code
OFF 5-digit user code and master code
N° 4: ON Reset to the factory's Master Code
OFF Normal mode

AUDIBLE SIGNALS

1 long beep :	**User code recognized**
	Validation of a new user code or time delay
2 short beeps :	**Entering in programming mode**
	Exiting the programming mode
4 short beeps :	**Wrong user code position number entered**
	Wrong user code or time delay value entered

REQUEST-TO-EXIT BUTTONS

The Request-to-exit buttons control respectively relay 1 and relay 2. The time delay is the same as the one set for the user codes of group1 for relay 1 and the user codes of group 2 for relay 2. ***These switches must be Normally Closed!***

BELL BUTTON

The bell button can be used as an external button to control relay 1, The time delay is the same as the one set for the user codes of group1.

USER CODE AND MASTER CODE LENGTH

Put dip-switch N°3 on "OFF" for a 5 digit user code and master code or on "ON» for a 4 digit user code and master code.

MASTER CODE

Put dip switch N°2 on position "OFF" to program the new master code. Enter twice your master code (for the first use, factory's value 1234 or 12345). Enter 60 and then the 4 or 5 digit master code of your choice. A long beep will sound indicating the validation of the new master code. Press on « B » to exit from the programming mode, 2 beeps will follow confirming your exit from the setting.

NOTE: 4 long beeps are emitted in case a wrong data is entered.
Factory's master code: 4 digit 1234
5 digit 12345

USER CODES AND TIME DELAYS

Make sure that the dip-switch N°2 is on "OFF".
Enter twice your master code, 2 beeps are emitted indicating you are in programming mode.
Enter the user code position number to be programmed (00 to 49), see the group of user code that command the different relay, and then the 4 or 5 digit user code of your choice, a long beep indicates that the user code is memorized.
Enter 51 to program the time delay of relay 1, then the time in seconds from 01 to 99 (00= latched relay), a long beep indicates that the time delay is memorized. Enter 52 to program the time delay of relay 2, then the time in seconds from 01 to 99 (00= latched relay), a long beep indicates that the time delay is memorized. Enter 53 to program the time delay of relay 3, then the time in seconds from 01 to 99 (00= latched relay), a long beep indicates that the time delay is memorized.
To exit from the programming mode, press on "B", 2 beeps indicates that you have exited the programming mode.

DELETING USER CODES

THE MASTER CODE, 0000 AND 00000 CODES CAN NOT BE USED AS USER CODES.
THE 0000 AND 00000 CODES CAN ONLY BE USED TO CANCEL AN EXISTING USER CODE.

RESET OF THE MASTER CODE

Put dip-switch N°4 on "ON".
Wait about 6 seconds before putting back the dip-switch on "off".
1 long beep indicates the reset to the factory's master code.
Factory's master code: 1234 in mode 4 digit
12345 in mode 5 digit

USER CODE AND MASTER CODE LENGTH

Put dip-switch N°3 on "OFF" for a 5 digit user code and master code or on "ON» for a 4 digit user code and master code.

MASTER CODE

Put dip-switch N°2 on position "OFF" to enter the master code programming mode.
Enter twice your master code (for the first use, factory's value 1234 or 12345). Enter 60 and then the 4 or 5 digit master code of your choice. A long beep will sound indicating the validation of the new master code.
Press on « B » to exit from the programming mode, 2 beeps will follow confirming your exit from the setting.

NOTE : 4 long beeps are emitted in case of mistake of programming.
Factory's master code : 4 digits 1234 - 5 digits 12345

TO ADD USER CODES

DIP N° 2 ON OFF	MASTER CODE					2 BEEPS

00						BE EP	01						BE EP	02						BE EP
03						BE EP	04						BE EP	05						BE EP
06						BE EP	07						BE EP	08						BE EP
09						BE EP	10						BE EP	11						BE EP
12						BE EP	13						BE EP	14						BE EP
15						BE EP	16						BE EP	17						BE EP
18						BE EP	19						BE EP	20						BE EP
21						BE EP	22						BE EP	23						BE EP
24						BE EP	25						BE EP	26						BE EP
27						BE EP	28						BE EP	29						BE EP

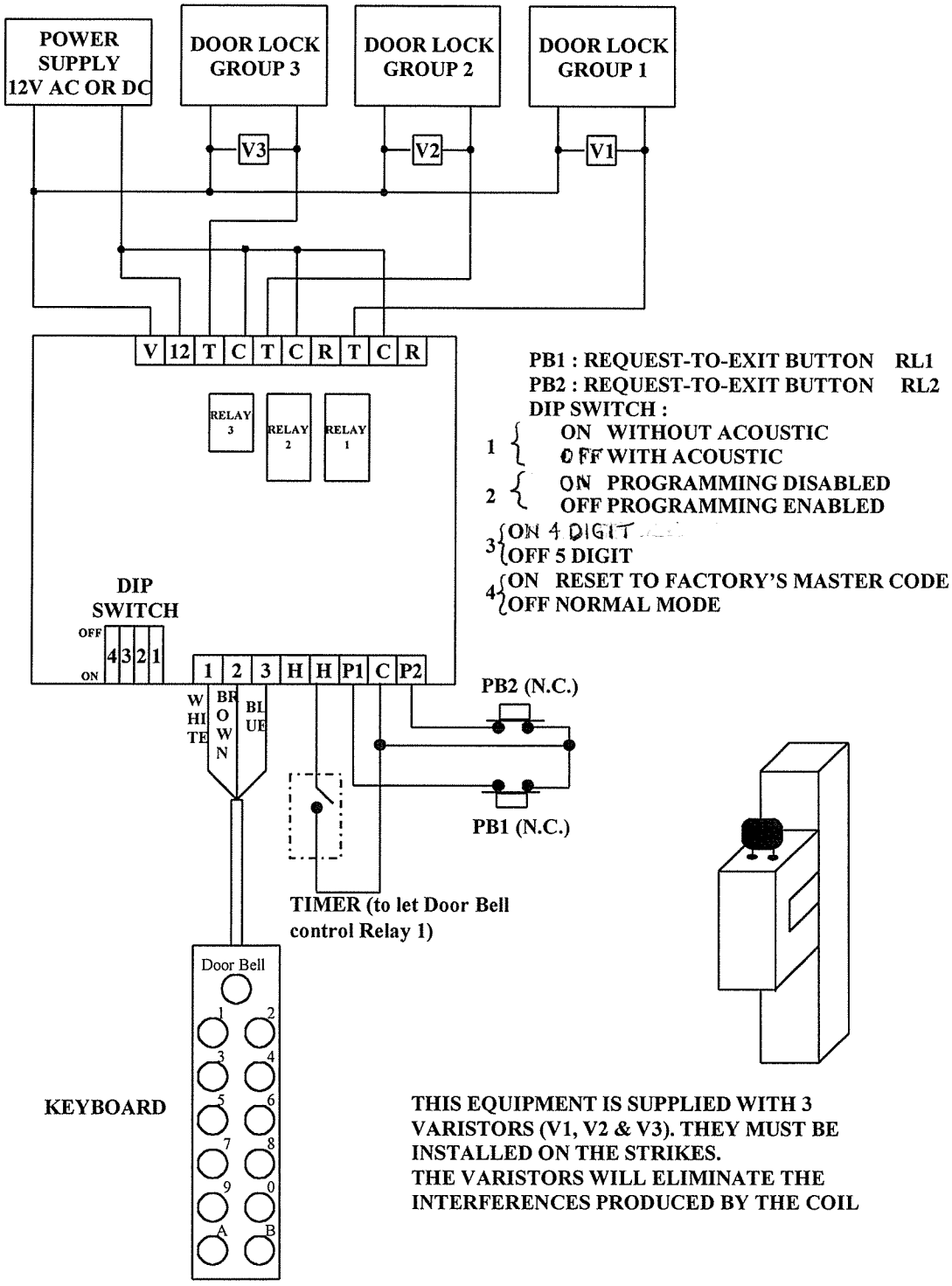
30						BE EP	31						BE EP	32						BE EP
33						BE EP	34						BE EP	35						BE EP
36						BE EP	37						BE EP	38						BE EP
39						BE EP							BE EP							BE EP

40						BE EP	41						BE EP	42						BE EP
43						BE EP	44						BE EP	45						BE EP
46						BE EP	47						BE EP	48						BE EP
49						BE EP							BE EP							BE EP

TIME DELAY RELAY 1			TIME DELAY RELAY 2			TIME DELAY RELAY 3		
51			52			53		

Press on « B » to exit from the programming mode, 2 beeps indicates that you have exited from the programming mode.

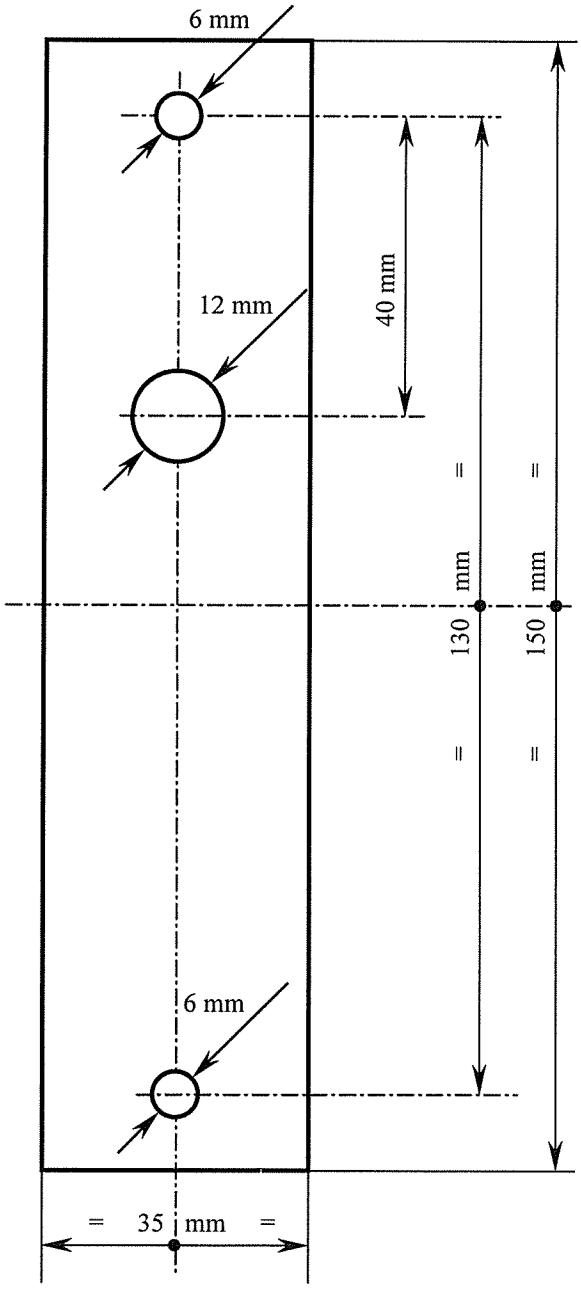
BUILDING : _____
N°: _____ **STREET :** _____
City : _____ **Prov.:** _____ **Postal Code:** _____



THIS EQUIPMENT IS SUPPLIED WITH 3 VARISTORS (V1, V2 & V3). THEY MUST BE INSTALLED ON THE STRIKES.
THE VARISTORS WILL ELIMINATE THE INTERFERENCES PRODUCED BY THE COIL

Template

CM-50SN



Drill – 6 mm diameter holes– for brass anchors,

Drill – 12 mm diameter hole– wiring access hole.

Filename: CM-50SN Instructions.doc
Version: 01/16/00 8:03 PM