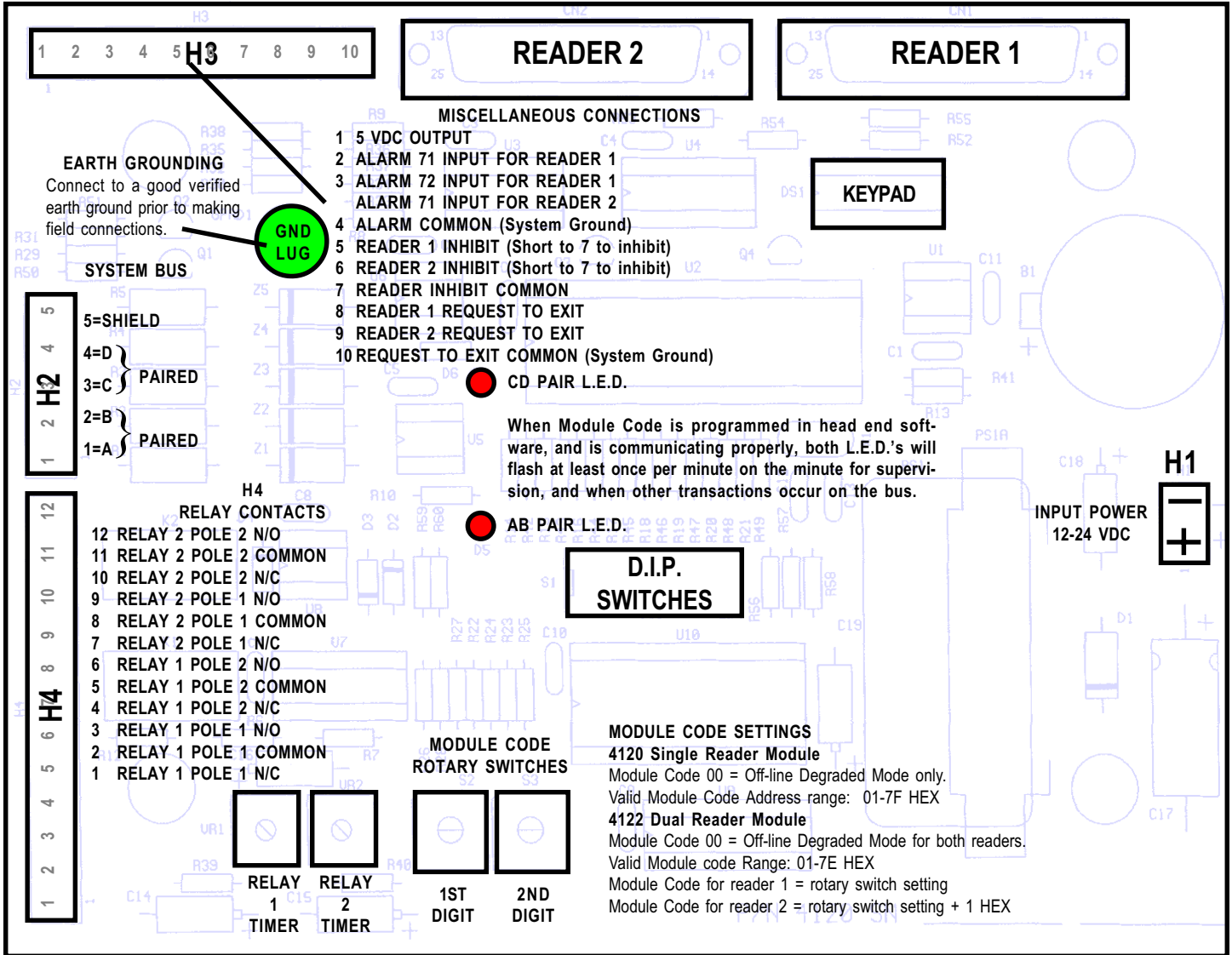


4120/4122 Command Module



The 4120 is a single reader Module, and the 4122 supports two readers. Several mode combinations are available through D.I.P. switch settings. See the explanation of these settings on the reverse side.

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4120 Command Module D.I.P. Switch Settings

#1: Alarm xx71 input “polarity selection”

Switch OFF = closed circuit @ TB = Alarm Secure
(Monitors N/C Dry Contacts)

Switch ON= closed circuit @ TB = Alarm Opened
(Monitors N/O Dry Contacts)

#2: Alarm xx72 input “polarity selection”

Switch OFF = closed circuit @ TB = Alarm Secure
(Monitors N/C Dry Contacts)

Switch ON= closed circuit @ TB = Alarm Opened
(Monitors N/O Dry Contacts)

#3: Automatic Alarm Shunting

Use when monitoring reader controlled doors

Single Reader Module: applies to both alarm inputs

Dual Reader Module: applies to both alarm inputs

Switch OFF = No automatic alarm shunting

Switch ON = 25 second alarm shunting time

Started by “Request to Exit”, “Instant Unlock”, & “Valid Card or P.I.N#.”

Also shunts alarm during “Level-Scheduled Unlock Times”

Note: (Firmware controlled, no jumpers required)

#4: Timed Alarm Masking

Use when monitoring reader controlled doors with no request to exit input. Allows Free Exit grace period of 15 seconds without reporting alarm. Intended to report propped open doors. Warning: This mode cannot report forced entry when alarm contact is open for less than 15 seconds.

For high security applications where normal alarm reporting and break-in detection is required during off hours, use a 4120 Module, and monitor the door contact using both the xx71 and xx72 inputs. The xx71 input may then be shunted during business hours to enable the masking feature.

Single Reader Module: applies to alarm 72 only

Dual Reader Module: applies to both alarm inputs

Switch OFF = No timed masking

Switch ON= 15 second alarm mask time

Ignores “Alarm Open” condition for up to 15 seconds

#5: Card or Keypad Dual Module Switching

This feature is intended for Card or Keypad entry points. It forces card transactions to be transmitted with the normal Module Code, and Keypad transactions to be transmitted with

another Module Code. This allows independent programming of security levels intended for cards, and other security levels intended for P.I.N. numbers. It also prevents the use of a valid card number from being used as a P.I.N. code when that is not desired.

Switch OFF = Normal

Switch ON= Module Code modified by Keypad transaction

Address bit 1x complemented

#6: Memory Capacity Overflow Option

This feature allows the use of cards with numbers greater than the system limit of 65,535. For larger card numbers, the Command Module calculates a new number by deducting 65,535. This new number is transmitted with an alternative Module code so that it can be programmed and differentiated from numbers within the normal range. This feature effectively allows full programming of 99,998 card numbers.

Switch OFF = Normal

Switch ON=Module Code modified by Memory Code Overflow [>65,535]

Address bit 2x complemented

#7: Supervisor First Option

This feature is intended to insure that the first person to enter a facility each day is a person programmed in a level intended for first entry. Cardholders who might ordinarily be valid for entry at a certain entry point at a given time will be denied until a supervisor's card has been used for entry.

Switch OFF = Normal

Switch ON= Module Code modified after 1st valid supervisor use

Address bit 4x complemented

#8 Alarmxx77 Sw off=Disable. Sw on= Enable Alarm after a valid card use. Used for space counter input.

#9: On-Line/Off Line Mode

Switch ON means cards with a correct facility code will operate the reader if the system at all times

Switch OFF means that cards will be denied if system is off-line.

#10:Relay Diode Interconnection

Switch OFF = Relays are totally independent of each other
Switch ON= Relay 2 “linked” to Relay 1 through diode. Any activation of relay 1 will also activate relay 2.