

HIDRA CRONO Controller

EN81-72 / AS1735.1-2003 Programming Manual



DC81210Q00



ENGLISH

How to use the manual

Each parameter is described as follows:

XX.XX.XX - Parameter name

Parameter description (*The description may include allowable values and notes*)

EXAMPLE: *Represents a possible situation*

FACTORY DEFAULT: *Default parameters*

MIN: *Minimum value (X)*

MAX: *Maximum value (XX)*

STEP: *Increase (X)*

Access Level
(Level required to view or change the parameter)

Device
(Device required to view or change the parameter)

Connection Location
(Location to connect device)

Example

02.02.01.03 - Close door attempts

Sets the number of door close attempts before entering blocked door mode

FACTORY DEFAULT: 10

MIN: 10

MAX: 20

STEP: 1

Basic - Intermediate - Advanced - Administrator - Keypad - PC -

Controller - Car

↓
Without access level
(not identified)

↓
With access level
(indicated)

↓
Required Device

↓
Location to connect device

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02.10.02 - Fire fighting lift (EN81-72 / AS 1735.1-2003)

Set of parameter related with lifts which could be used by firefighters in case of fire

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.01 - EN81-72 / AS 1735.1-2003 enable

EN81-72 / AS 1735.1-2003 enable

FACTORY DEFAULT: 0

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.10 - Fire service access level

Sets the fire service access level where the car is parked on phase 1

FACTORY DEFAULT: 0

MIN: 0

MAX: 31

STEP: 1

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.11 - Door to open at fire service access level

Sets the door to open at fire service access level in case of fire

FACTORY DEFAULT: 1

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.20 - Firefighters lift switch input

Defines where is connected the Firefighters lift switch input. This input must be closed during normal operation and will be opened in case of firefighters operation

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.21 - Additional external input for automatically return to fire service access level

Defines where is connected the Additional external input for automatically recall to fire service access level. This input must be closed during normal operation and will be opened when the recall operation is needed.

NOTE: If this function is not required, sets to NoUSE

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.22 - Additional firefighters car key switch input

Defines where is connected the Additional firefighters car key switch input. This input must be opened during normal operation and will be closed on phase 2 (firefighters operation)

NOTE: If is not necessary this function, sets to NoUSE

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.30 - Output to control the well, machine room lighting and fire service communication system

Defines where is the output to control the well, machine room lighting and fire service communication system

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.40 - Output signal for close door 1 under reduced power

Defines where is located the output signal for close door 1 under reduced power

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.41 - Door 1 fully open signal

Defines where is connected the signal of door 1 fully opened. This input must be closed when door 1 is fully opened

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.50 - Output signal for close door 2 under reduced power

Defines where is located the output signal for close door 2 under reduced power

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.51 - Door 2 fully open signal

Defines where is connected the signal of door 2 fully opened. This input must be closed when door 2 is fully opened

FACTORY DEFAULT: NoUSE

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.80 - Multiple car calls allowed during phase 2

During phase 2 of firefighters operation, allows to make more than one car call at a time or not. If EN81-72 is required, this parameter must be 0, if AS 1735.1-2003 is required, this parameter must be 1

0 - EN81-72

1 - AS 1735.1-2003

FACTORY DEFAULT: 0

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

02.10.02.81 - Close doors automatically during phase 2

During phase 2 of firefighters operation, if a car call is made the lift will close door automatically or will be initiated by constant pressure on door close button.

0 - The door closing will be initiated by constant pressure on door close button (required on AS 1735.1-2003)

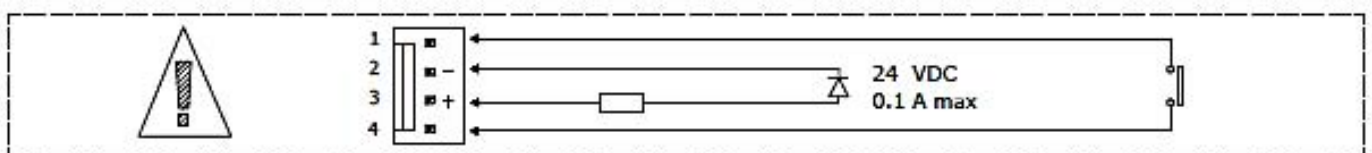
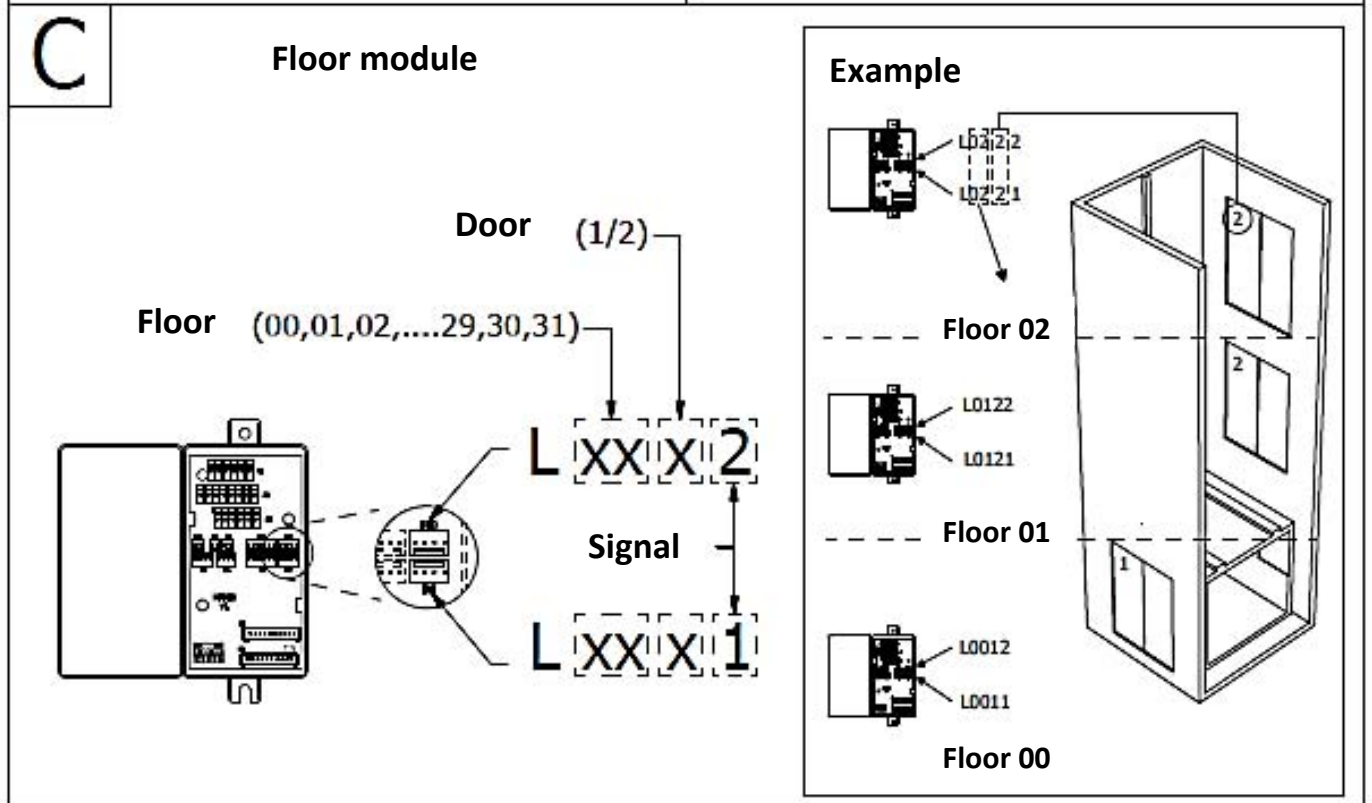
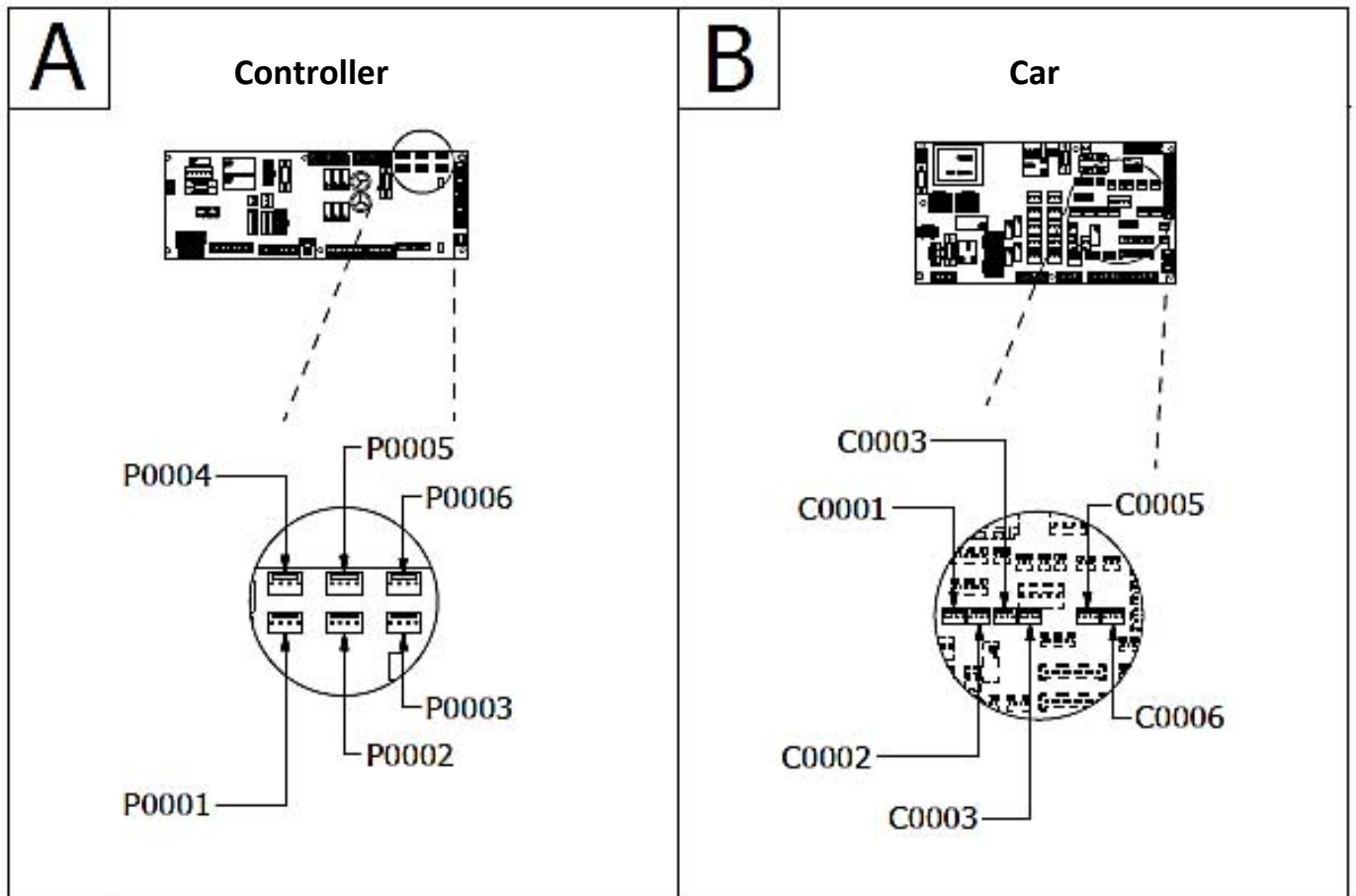
1 - The door closing will be initiated by a new car call (required on EN81-72)

FACTORY DEFAULT: 1

Basic - Intermediate - Advanced - Administrator - Keypad - PC - Controller - Car

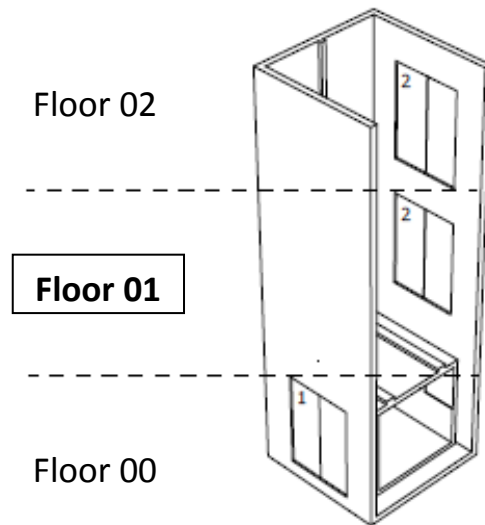
Annexes and Examples

Annex 1. Inputs and outputs available for Hidra Crono

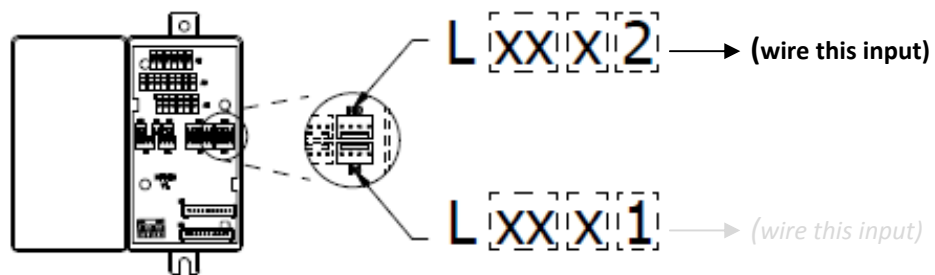


Example of menu settings

-If it is required to connect a fire signal in the FLOOR 01



-It will be wired to the FLOOR 01 MP module that serves that door, **and it can be wired in any of the two possible inputs**

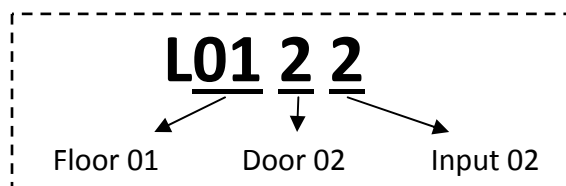


-Configure the setup menu to adjust the lift controller

02.10.01.04 – Main alarm signal

Defines where the main alarm signal EN81-73is connected

Set...





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