

# Wall chart NextMove e100

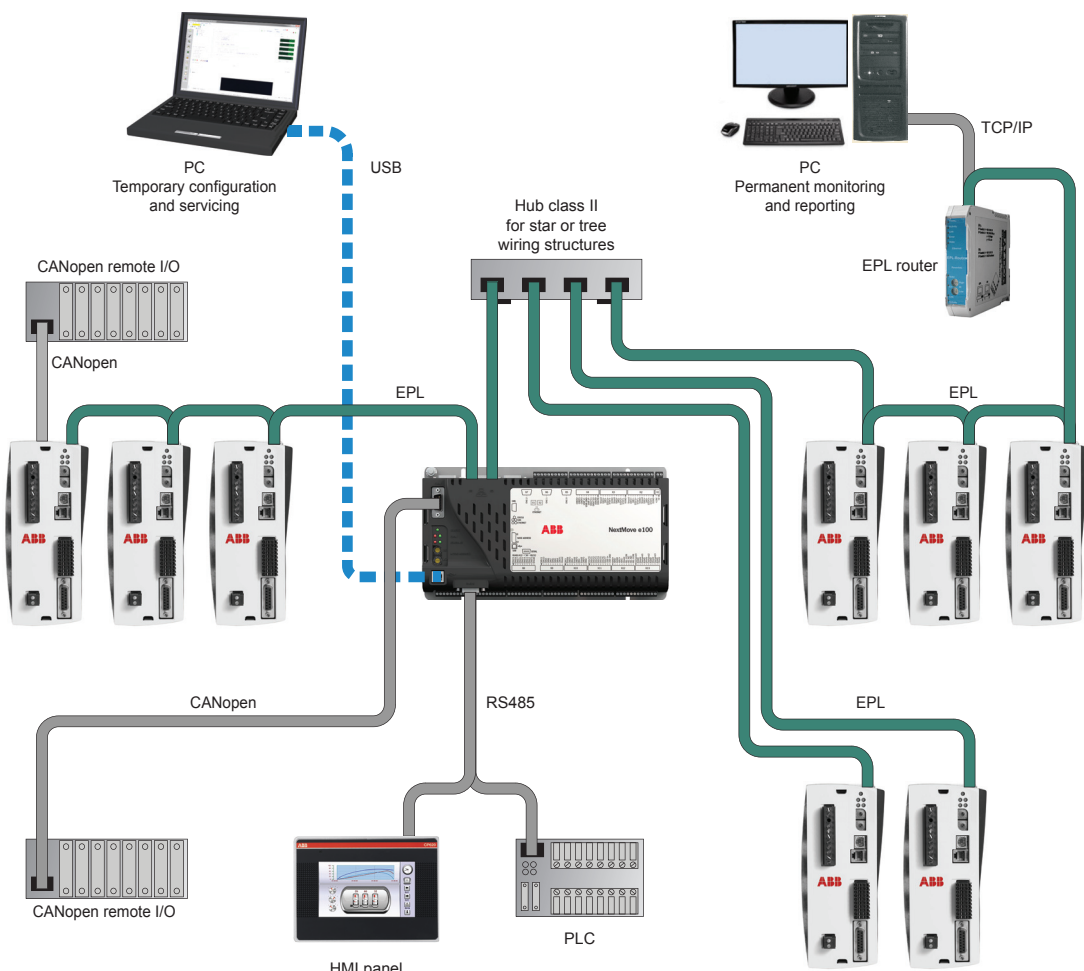
### Part numbers

NXE100-1608DB  
**NXE** NXE = NextMove family  
**08** 08 = Number of axes  
**D** D = Differential stepper outputs. S = Open collector (single-ended) stepper outputs.  
**B** B = Hardware revision

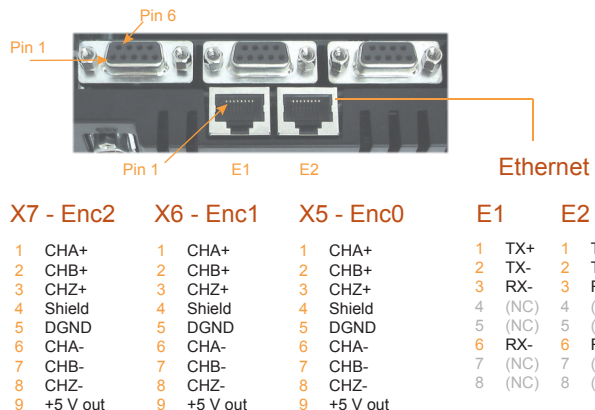
### Node ID (address) selection

**HI** Example shows 0xF0 = node 240  
 IP address = ...  
**LO** Node 0xF0 / 240 = manager node.

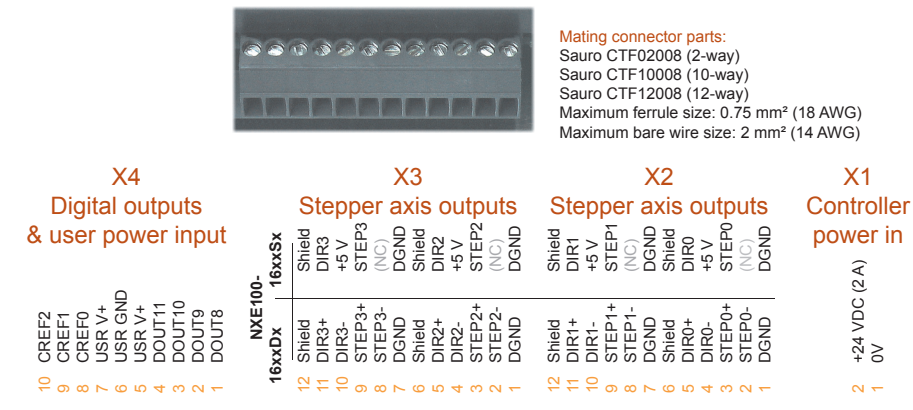
### System configuration example



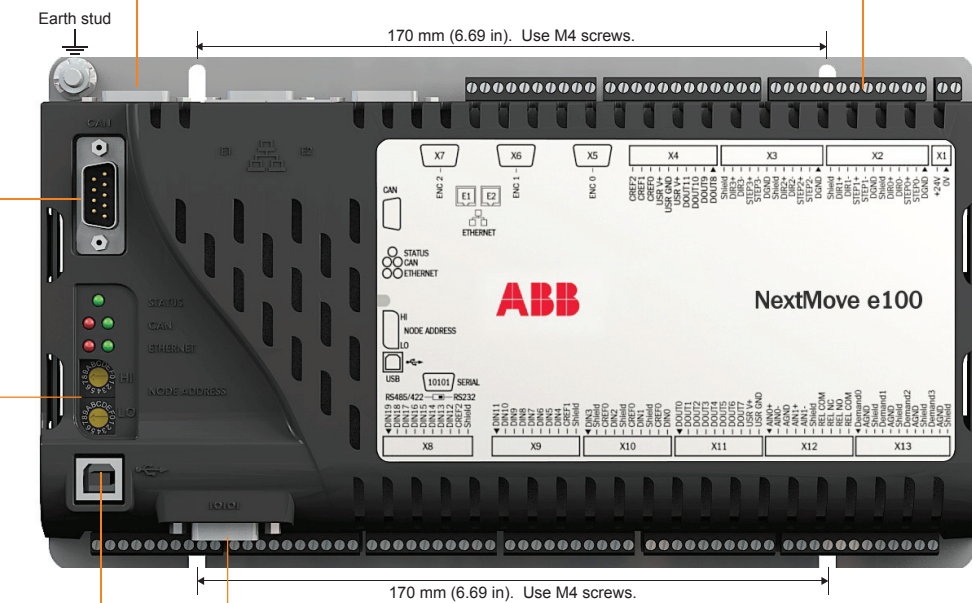
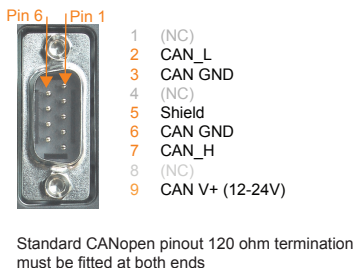
### Encoders



### Outputs



### CAN



### Status LED

- Green: Initialization OK, controller enabled, normal operation.
- Green flickering: Firmware download in progress.
- Red: Initialization in progress.
- Red flashing: The NextMove e100 has detected a serious hardware or firmware error and cannot be used.

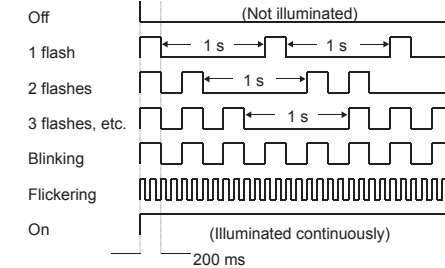
### CAN LEDs

- | Code       | Meaning  |
|------------|--|
| Off        | Node initializing or not powered.                    |
| 1 flash    | Node in STOPPED state.                               |
| 3 flashes  | Firmware being downloaded.                           |
| Blinking   | Node in PREOPERATIONAL state.                        |
| On         | Node in OPERATIONAL state.                           |
| Flickering | Auto-baudrate detection or LSS services in progress. |
| Off        | No error.  |
| 1 flash    | Warning: too many error frames.                      |
| 2 flashes  | Guard event or heartbeat event.                      |
| 3 flashes  | Sync error: SYNC message not received.               |
| On         | Node in bus-off state (removed from network).        |
| Flickering | Auto-baudrate detection or LSS services in progress. |

### Ethernet LEDs

- | Code       | Meaning   |
|------------|---|
| Off        | Node in NOT ACTIVE state, waiting to be triggered by the manager node.                        |
| 1 flash    | Node in PRE-OPERATIONAL1 state. EPL starting.   |
| 2 flashes  | Node in PRE-OPERATIONAL2 state. EPL starting.   |
| 3 flashes  | Node in READY TO OPERATE state. The node is signalling its readiness to operate.              |
| Blinking   | Node in STOPPED state. The node has been deactivated.   |
| On         | Node in OPERATIONAL state. EPL is operating normally.   |
| Flickering | Node in BASIC ETHERNET state. EPL is not operating, but other Ethernet protocols may be used. |
| Off        | Meaning: EPL is working correctly.  |
| On         | Meaning: An error has occurred.   |

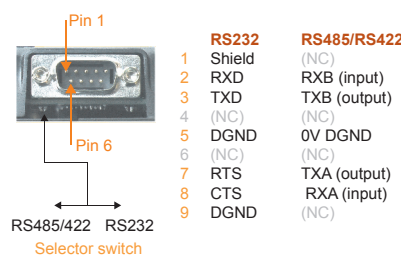
### LED definitions



### USB port



### X6 - RS232/RS485



### Inputs / outputs

