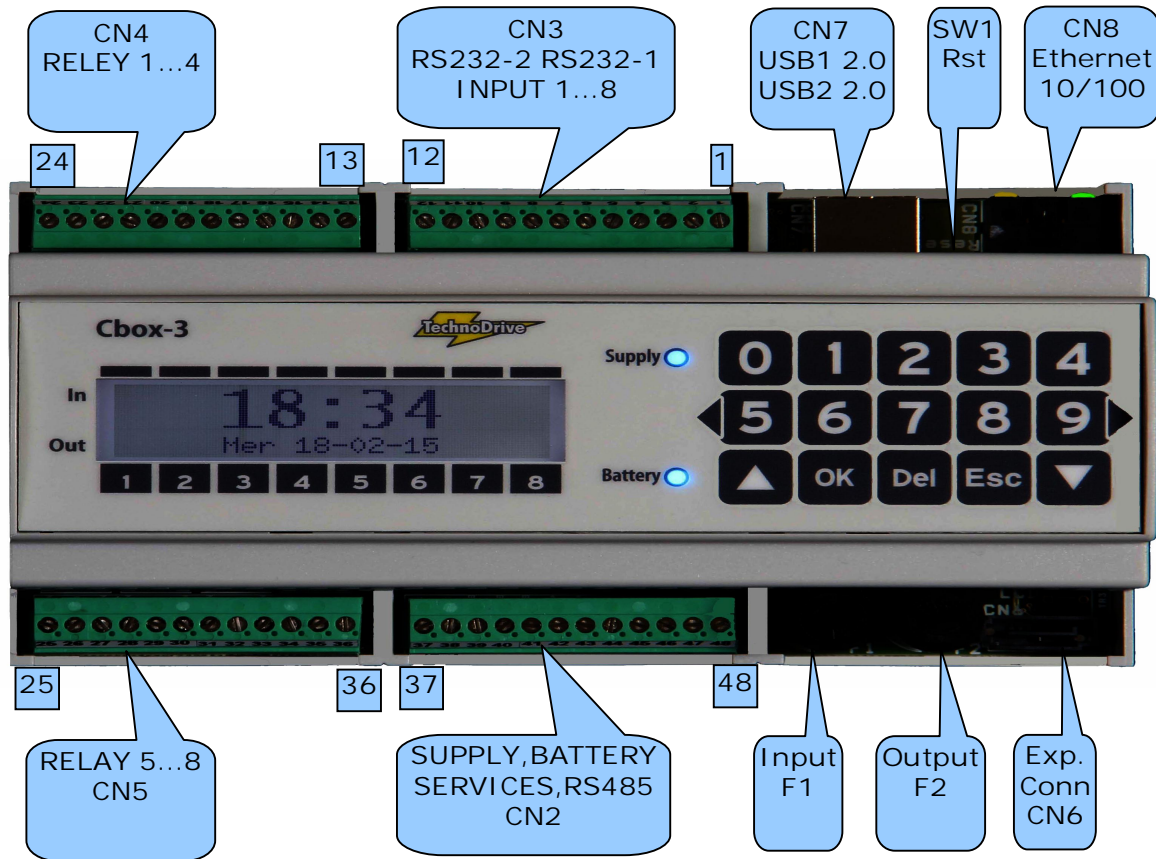


Cbox-3

Rev. 1.1.1



“Supply” LED:

External supply is on (pin 37-38 CN2)

“Battery” LED:

External Output Battery voltage is on (pin 43-44-45 CN2)

CN8:

Ethernet 10/100 connector Auto-MDIX

SW1:

Button RESET switch (press to RESET)

CN7:

USB 2.0 HOST port

UPPER connector for UMTS or WIFI dongle

LOWER connector for BIOMETRIC scanner



Progettazione e Realizzazione Apparecchiature Elettroniche

CN3:

pin-1	INPUT_1 (close to GND to activate)
pin-2	INPUT_2 (close to GND to activate)
pin-3	INPUT_3 (close to GND to activate)
pin-4	INPUT_4 (close to GND to activate)
pin-5	INPUT_5 (close to GND to activate)
pin-6	INPUT_6 (close to GND to activate)
pin-7	INPUT_7 (close to GND to activate)
pin-8	INPUT_8 (close to GND to activate)
pin-9	COM1 RS232_TX (output data from COM1)
pin-10	COM1 RS232_RX (input data to COM1)
pin-11	COM2 RS232_TX (output data from COM2)
pin-12	COM2 RS232_RX (input data to COM2)

CN4:

pin-13	RELAY_1 NO	(MAX 5A@100V)
pin-14	RELAY_1 C	(MAX 5A@100V)
pin-15	RELAY_1 NC	(MAX 5A@100V)
pin-16	RELAY_2 NO	(MAX 5A@100V)
pin-17	RELAY_2 C	(MAX 5A@100V)
pin-18	RELAY_2 NC	(MAX 5A@100V)
pin-19	RELAY_3 NO	(MAX 5A@100V)
pin-20	RELAY_3 C	(MAX 5A@100V)
pin-21	RELAY_3 NC	(MAX 5A@100V)
pin-22	RELAY_4 NO	(MAX 5A@100V)
pin-23	RELAY_4 C	(MAX 5A@100V)
pin-24	RELAY_4 NC	(MAX 5A@100V)

CN5:

pin-25	RELAY_5 NO	(MAX 5A@100V)
pin-26	RELAY_5 C	(MAX 5A@100V)
pin-27	RELAY_5 NC	(MAX 5A@100V)
pin-28	RELAY_6 NO	(MAX 5A@100V)
pin-29	RELAY_6 C	(MAX 5A@100V)
pin-30	RELAY_6 NC	(MAX 5A@100V)
pin-31	RELAY_7 NO	(MAX 5A@100V)
pin-32	RELAY_7 C	(MAX 5A@100V)
pin-33	RELAY_7 NC	(MAX 5A@100V)
pin-34	RELAY_8 NO	(MAX 5A@100V)
pin-35	RELAY_8 C	(MAX 5A@100V)
pin-36	RELAY_8 NC	(MAX 5A@100V)

TECHNODRIVE Srl -Via E.Ferrari, 7 20010 Arluno (MI) Tel. 02/903.77.753

Sede Legale : Via E.Ferrari, 7 20010 Arluno (MI)

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CN2:

pin-37 Supply_1 (8..28Vdc/8..20VAC 15VA max) *note1*
pin-38 Supply_2 (8..28Vdc/8..20VAC 15VA max) *note1*
pin-39 GND
pin-40 GND
pin-41 GND
pin-42 +BATTERY (12V / 8Ah)
pin-43 +OUTPUT BATTERY (supply for external devices MAX 2Amp)
pin-44 +OUTPUT BATTERY (supply for external devices MAX 2Amp)
pin-45 +OUTPUT BATTERY (supply for external devices MAX 2Amp)
pin-46 GND
pin-47 RS485_B (COM4 RS485)
pin-48 RS485_A (COM4 RS485)

note1: Recommended 14Vac for 12V battery charged

F1:

Fuse for supply input protection (3,15A 5x20mm)

F2:

Fuse for supply external devices protection (3,15A 5x20mm)

CONFIGURATION:

To enter CONFIGURATION mode press "Esc" key for 10 seconds and enter password (default =12345)

SHOW INPUT/OUTPUT STATUS:

To show input/output status and external battery voltage press "OK" key; to exit press "Esc"



Progettazione e Realizzazione Apparecchiature Elettroniche

Technical characteristics:

- *CPU* Microprocessor cortex A8 800MHz
- *RAM* 128Mbyte DDR2 266MHz
- *FLASH* 512Mbyte NAND FLASH SLC
- *RTC* High precision
- *FIRMWARE* FC03 LINUX Technology
- *SERIAL PORT* 2xRS232, 1xRS485
- *USB* 2xUSB 2.0 HOST
- *ETHERNET* 1x ETHERNET 10/100
- *OUTPUTS* 8xRELAY 5A@100V
- *INPUTS* 8xINPUT NPN
- *SUPPLY* 8..28Vdc/8..20VAC 15VA max
- *BATTERYCHARGER* Internal 13.8Vdc @ 2AMAX
- *ANTITAMPER* Internal 3 AXIS
- *DISPLAY* 144x32 pixels
- *KEYBOARD* 15 KEYS
- *CONNECTIONS* Removable terminal
- *EXT.DIMENSION* DIN(EN60715) 9 modules 159x91x62mm

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