CAN_IO_TFT_3.5

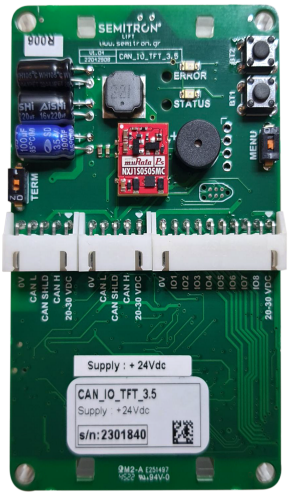
SEMITRON TECHNOLOGIES

v1.06

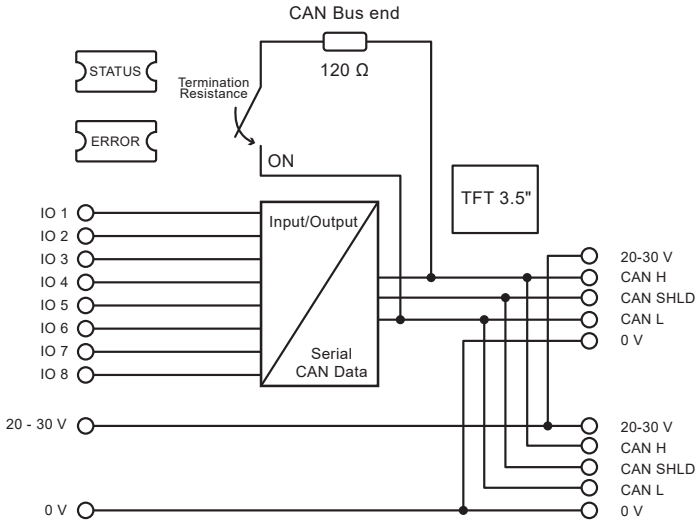
Description

CAN_IO_TFT_3.5 is a general purpose CANopen device with 8 programmable inputs/outputs. The device features a bright 3.5” TFT display which is used to display the floor, directional arrows and other special indications. A buzzer is included for sound indications on floor arrival and call acknowledgements. The device can be configured easily through any CANopen-Lift configuration tool.

Picture



Block Diagram



Terminals

CAN Bus:	Termination Resistance
CAN Bus Interface fully isolated	State 1: Resistance OFF
CAN H: CAN-High	State ON: Resistance ON
CAN SHLD: CAN Shield	**Inputs - Outputs**
CAN L: CAN-Low	0 V
Power Supply:	IO1-IO8
20-30 VDC	20-30 VDC
0 V	

Electrical Data

Input Voltage	20-30 V DC
Current Consumption at 24V	160 mA at max brightness (5)
Input current on each input	5 mA
Output current on each output	Max 500 mA
Max total Output current on all outputs	Max 700 mA

Mechanical Data

Temperature	0º C to +70º C
Dimensions (H x W x D)	96.8 x 63 x 18 mm

LED manual

LED	PATTERN	STATE
STATUS LED (white)	LED ON	Fully operational
	LED Blinking (Very Fast)	Initializing
	LED Blinking 3Hz (Fast)	Pre-Operational
	LED Blinking 1Hz (Slow)	Stopped
ERROR LED (red)	LED OFF	No Error
	LED Blinking (Slow)	CAN Bus Warning
	LED ON	Bus OFF Error *
	LED Blinking (Very Fast)	CAN Bus Passive *

** In "Bus OFF" and "Passive" state, the device is entering the automatic baudrate detection mode.*

Display Symbols

	Device is in pre-operational mode
	Lift is overloaded
	Inspection mode active

CANopen device profile for Lift

Conformed with quality management systems standards