CAN_IO_TFT_5.0
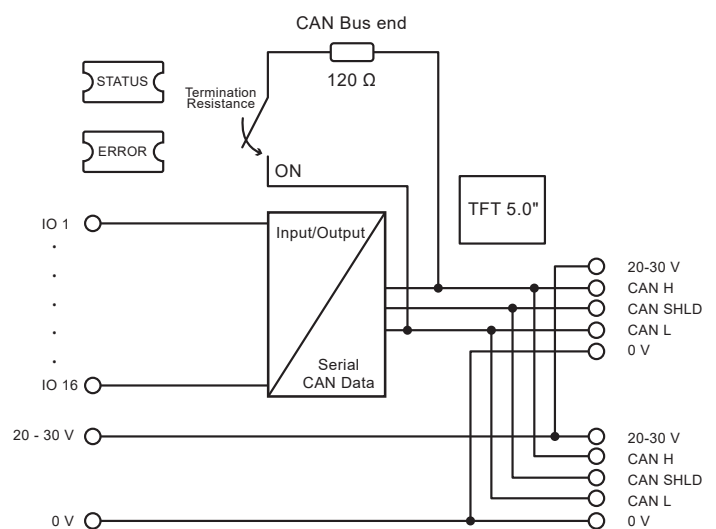
Description

CAN_IO_TFT_5.0 is a general purpose **CANopen** device with 16 programmable inputs/outputs. The device features a bright 5.0" TFT display which is used to display the floor, directional arrows and other special indications. Additionally, the device includes an SD card slot which enables further customization of the UI by incorporating user-defined images for each floor and special indication. The SD card slot, as well as the USB port, can also be used to perform firmware updates on the device. 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		**Power Supply:**	
● CAN L: CAN-Low		● 20-30 VDC	
Inputs - Outputs		● 0 V	
● 0 V		**Ports:**	
● IO1-IO8		● SD Card: Storage of display images	
● 20-30 VDC		● USB Host: Firmware update	

Electrical Data

Input Voltage	20-30 V DC
Current Consumption at 24V	155 mA at max brightness (5)
Input current on each input	2.1 mA at 24 V
Output current on each output	Max 500 mA
Max total Output current on all outputs	• Max 700 mA for outputs 1-8 • Max 700 mA for outputs 9-16

Mechanical Data

Temperature	-20º C to +70º C
Dimensions (H x W x D)	147 x 86 x 20 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

	CAN Bus error
	Device is in non-operational mode
	Lift is overloaded
	Lift is out of order

CANopen device profile for Lift

Conformed with quality management systems standards