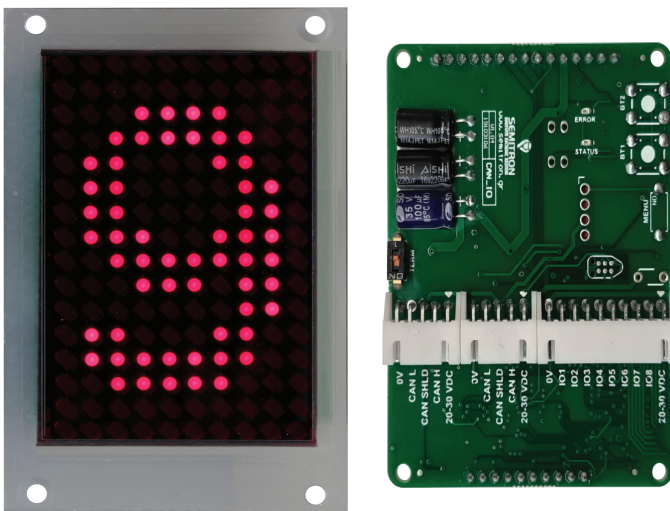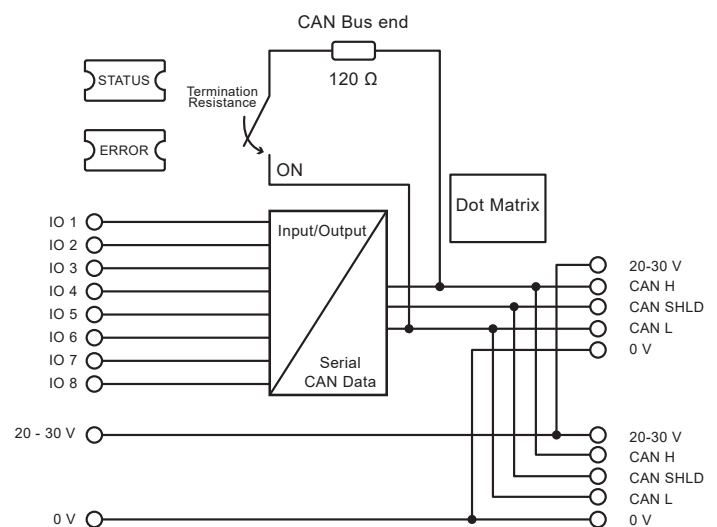# CAN_IO_DOT-MATRIX

Description

CAN_IO_DOT-MATRIX is a general purpose **CANopen** device with 8 programmable inputs/outputs. The device features a dot matrix 10x16 LED 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

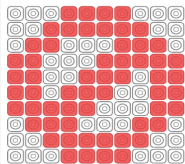| Input Voltage	20-30 V DC
Current Consumption at 24V	Normal operation: 55 mA Searching/Auto baudrate mode: 66 mA
Input current on each input	5 mA
Output current on each output	Max 500 mA
Max total Output current on all outputs	Max 700 mA

Mechanical Data

Temperature	0º C to +70º C
Dimensions (H x W)	65.75 x 104.13 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 Symbol

Device is in pre-operational mode

CANopen device profile for Lift

Conformed with quality management systems standards