



EVC-1 Hydraulic Valves Controller

The EVC-1 Controller is designed to control proportional or On/Off Hydraulic Electro-Valves.

It can be easily connected to other peripherals to perform a complex network in which all nodes communicate with one another via Can bus.

It can be applied also in IC Lift Trucks to control Hydraulic system.

Typical applications:

Counterbalanced Lift Trucks, Reach Trucks, Aerial Lifts.

Technical Characteristics

Technology:

- 16 bits DSP
- High Speed FLASH Memory
- Direct Battery PWM supply
- Communication: RS232 and CAN-Bus

Supply Voltage(V):

24,36,48,72,80

Working temperature range:

-30°C +40°C

Mechanical Characteristics:

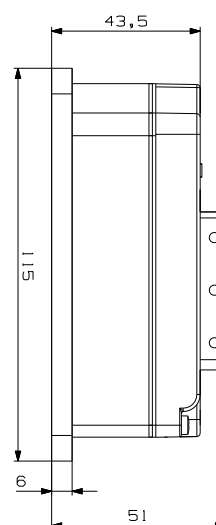
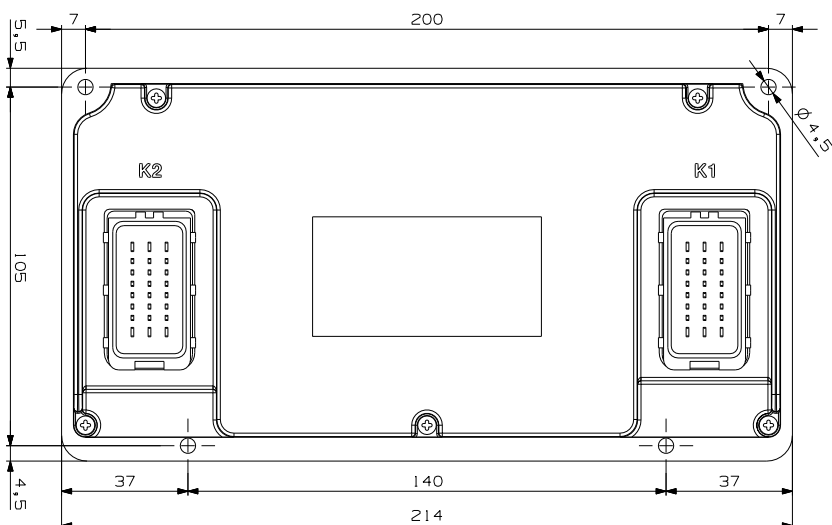
Dimensions: 214x115x51

Connector: 2x24 FCI

Environmental Protection: IP65

I/O

- N° 2 digital input
- N° 12 analogue input (or 6 digital input + 6 analogue input)
- N° 12 2A PWM proportional or ON/OFF output
- N° 4 10mA open collector output
- N° 1 0-5V analogue output
- N° 1 CAN-OPEN protocol interface
- N° 1 RS232 I/O
- N° 2 encoder interface input
- N° 1 12V 200mA supply (for proximity sensors)
- N° 2 5V 200mA supply (for 5V sensors)



DISPLAYS



SPEED SENSOR



DISPLAYS

SME LCD Displays are designed for electrical vehicle applications and for a perfect matching with SME Inverters.

All information is clearly illustrated and all software parameters are accessible from the display.

Supply Voltage(V): 12V

Communication: Lin

Working temperature: -20°C +50°C

IP: 65

SPEED SENSOR

Hall effect Speed Sensor for Electric Motors Application.

Characteristics:

Low working temperature

High immunity to electro-magnetic noise

Easy substitution in case of damage

Supply Voltage(V): 5-24V

Working temperature: -40°C +120°C.

IP: 65