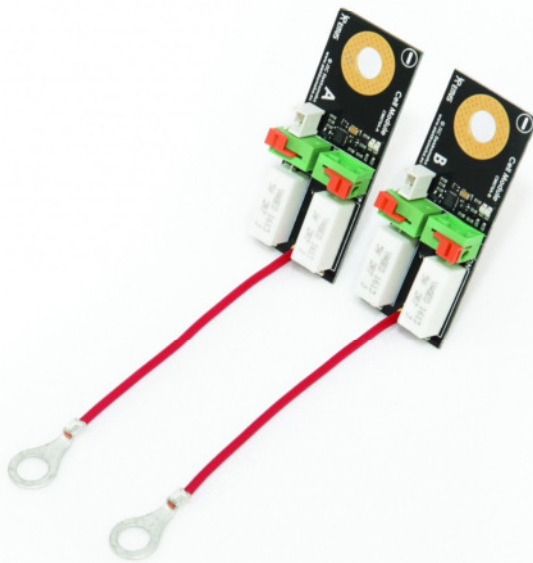
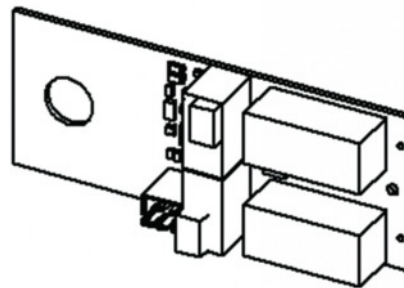
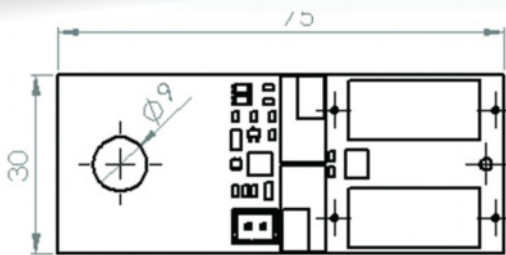


EMUS BMS Cell Module 3A



Dimensions



Description

Emus BMS Cell Modules are the single cell controllers that measure cell voltage and provide means of controlled dissipative balancing. Each Cell Module can also measure its own temperature, and is equipped with a special serial interface for communication with the main controller.

The 3A model is a standard solution, designed for convenient wiring and easy installation on higher-capacity prismatic cells. This model also has a possibility to connect an additional external temperature sensor for measuring the cell temperature.

Specifications

- Shunt characteristics:
 - $R_{TOT} = 1.35\Omega$;
 - $P_{MAX} = 10W$;
- Max balancing current: 2.7A (limited by P_{MAX});
- Operating voltage: 2.0V÷4.55V;
- Operating temp.: -40°C ÷ +80°C;
- Voltage measurement accuracy: $\pm 10mV$;
- Temperature measurement accuracy: $\pm 5^\circ C$;
- Dimensions: 80.5x13x2.5 mm;
- Wire length: 100mm;
- Mounting hole: M9.

Product information

EMUS BMS Cell Module 3A

Part number

CM070A