



- Low quiescent current
- Reverse Polarity Protection
- Opto-isolated inputs
- DIN-rail mountable



Product Brief

Sepero SD1 motor controller is designed with focus on battery powered applications. The low quiescent current is neglectible in relation to the battery self discharge. Low voltage is signaled with a led. It is also possible to integrate a buzzer for sound notification. SD1 is embedded in a DIN-rail mountable casing for easy installation. The polarity protection eliminates permanent failure when battery power is connected in

reverse. This product can be controlled directly from PLC with active high or low inputs, selectable in hardware. For applications requiering mechanical break an separate output is used for maximum control and limited wear on the break. The current limit can be adjusted with integrated potentiometers accesess underneath the protecting frontcover.

Secifications

- Stable DC current supply 7.5 - 28 VDC (max 40 VDC)
- Output current max 40 A
- Current limit settings 0 ADC – 16 ADC
- Efficiency > 94 %
- Quiscent current <20 uA
- PWM output frequency 30 kHz
- Ambient temperature 0-70 deg. C
- Soft start/stop ramp time 700 mS
- Dimension 17.5 x 101 x 120 mm
- Weight 110 gram

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SEPRO AB, Systratorpsvägen 4. 352 46 Växjö. Sweden
Phone: +46-470-777960, Fax: +46-470-777965
E-mail: info@seproab.se