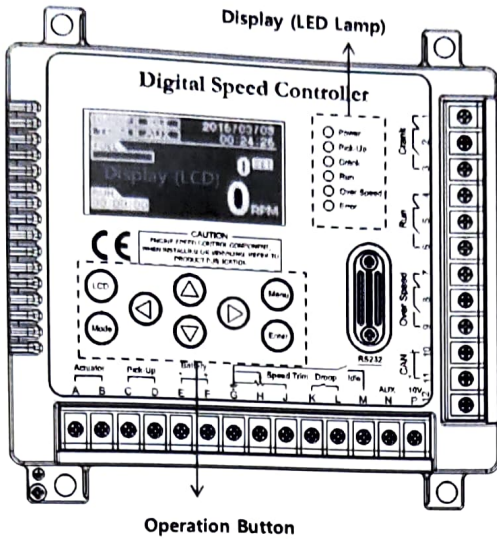


1 Digital Speed Controller with Installation and Operating Manual(Quick Setup)

DSC Specifications and User Interface



[Specifications]

No	Item	Spec
1	MCU	16-bit DSC dsPIC33FJ256
2	Display	Graphic LCD 128*64
		LED: 6 EA
3	Keypad	8 Button Keys
4	Output	Contact (a and b): 3 Each
6	Input	RMS 3V(Min)
8	Memory	128Mb
7	Communication	RS232 57600bps
		CAN(J1939)/250kbps
8	Voltage	DC 24V (12V~32V)
9	Power Consumption	120mA
10	Ambient Temperature	-20~+70°C
11	Storage Temp	-30~+80°C
12	Relative Humidity	0~95%



Mark	기능 설명
LCD	On Or Off for LCD display
Mode	Change the Mode of LCD display (Main Or Graph display)
Menu	Entry the Menu or Back to the menu (ESC)
Enter	Select the Menu or apply the DSC system with set calibration parameters

2 Digital Speed Controller with Installation and Wiring

Cautions for installing the digital speed controller

1. Mount the controller unit vertically to the surface of a control cabinet to protect from water and high humidity, and do not expose the controller unit to the radiant heat.
2. Do not rely solely on the electronic governor's actuator function to prevent overspeed, and use an independent fuel cut-off solenoid auxiliary device.
3. When welding around the controller and charging the battery, the controller battery terminal is disconnected.
4. We can not guarantee the failure of the product caused by installation neglect.

Cautions on wiring

1. The total length of the Actuator(15AWG), Pick-up(24AWG_Shield Cable), and Battery(15AWG) connections shall be limited to 10m or less.
2. Refer to the system diagram (Figure 2) to wire the circuit and check the cable type.
3. Wiring assembly must be checked before use as it will cause fatal damage to the controller.
4. The fuse 10A for circuit protection is always provided at the front end of the battery input terminal "F".
5. RS232 communication cable should use designated dedicated cable.
6. It does not guarantee the fault of the product caused by not following the system diagram and wiring connection precautions.

System configuration of Digital Speed Controller

