| M701 DC MOTOR CONTROLLER

M701 is a high efficiency with low power consumption DC pump motor controller. Advanced MOSFET drive technology to provide constant high current output capability. It designates for versatile mobile elevated work platforms applications like scissor lifts.

Features

MOSFET short-circuit protection function to guarantee high safety and reliability

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Technologies

- With extensive detection function, including over-temperature, under/ over voltage, throttle input and motor status, to drive up higher safety level
- Excellent heatsink design for thermal protection
- High Protection Class (IP65)

Applications

- Battery-powered vehicle applications using pump motor
- Mobile elevating work platforms
- Wound-field DC motors used in Hydraulic Pump Scissor Lifts



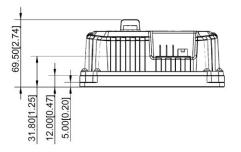
Battery Voltage	2	24 V	
PWM Operating Frequency	15	5 KHz	
Saturation Voltage Drop @100A	0	.1 V	
Current Deting (A)	2 Minute	320 A	
Current Rating (A)	1 Hour	150 A	
Dimensions (mm)	149 x	146 x 67	
Weight	1.2 kg		
Operating Temperature	-40 °C to 75 °C		
Storage Temperature	-40 °C	to 85 °C	

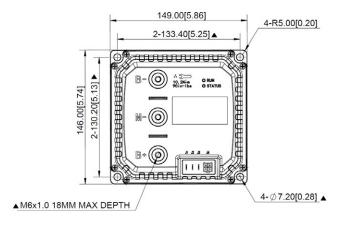
CONNECTIONS

B+	Positive p	ole of battery
В-	Negative p	ole of battery
M-	Negative	pole of motor
J1	Key switc	h connection
J2	Low of	TS throttle
J3	0-5V th	rottle input
	Pin 1	RS485A
J4	Pin 2	GND
04	Pin 3	RS485B
	Pin 4	24 V

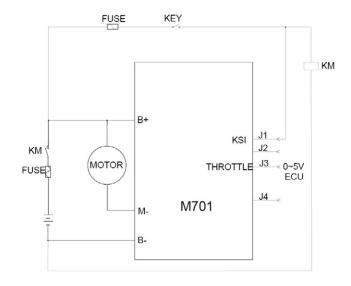
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TYPICAL WIRING DIAGRAM



ORDERING OPTIONS

Example : M701-00-01

Part Number	Product	Description
M701-00-01	M701	Motor Controller 320A, 24Vdc
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