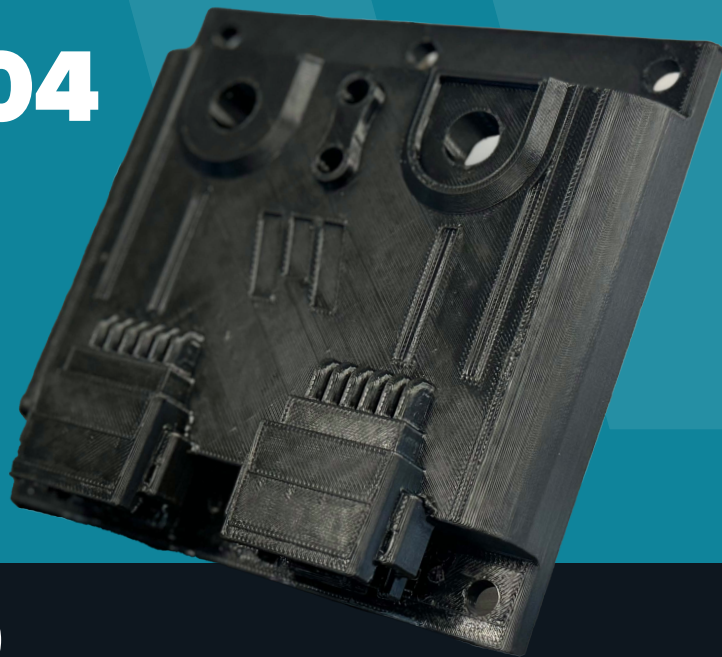


# M-FLEX DIGITAL SWITCHER M05-04

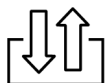
M-Flex Digital Switcher M05-04 CAN I/O Controller is designed to withstand the harsh temperatures, shock and vibration, moisture and electrical transients that are common to the harsh environments.



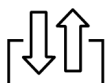
**M-Flex**  
 CONTROLLERS

**IP67**
**12V  
24V**
**RoHS  
COMPLIANT**

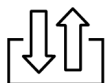

## FEATURES



Configurable inputs and outputs for customizing Digital Switcher to each application.



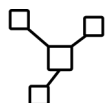
(4) x 10A Outputs have circuit current monitoring. (3) Outputs with PWM.



(1) x 20A Outputs have circuit current monitoring.



Fully encapsulated electronics for complete environmental protection.



Compatible with M-Flex Keypads and Displays, and Simrad and Garmin Displays.



Fully configurable XML to customize switch functions for your unique application.



Programming options:

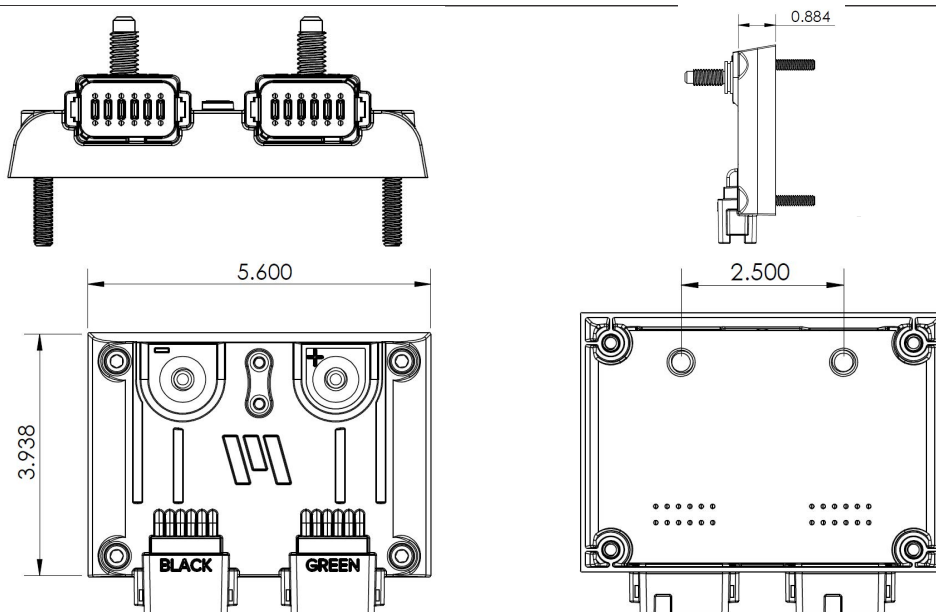
- User-configurable functions.
- Custom application software.

## SPECIFICATIONS

Specifications subject to change without notice. \ Revised 02.24

<b>Supply Voltage</b>	9 – 32VDC.
<b>Max Current</b>	30A.
<b>CAN Protocol</b>	SAE J1939 CAN 2.0A and 2.0B, CANopen, NMEA 2000.
<b>Baud Rate</b>	250, 500, 1000Kbps.
<b>Inputs</b>	(4) Analog inputs 0-32V, 4-20mA, Resistive.
<b>Outputs</b>	(1) x 20A (High Side); (4) x 10A(High Side) [3 PWM/dimmable outputs] All with Returns.
<b>Connectors</b>	Deutsch PN DT13-12PA & PN DT13-12PB
<b>Mounting</b>	M6 or ¼" screws and nuts.
<b>Operating Temperature</b>	-40° to 85°C (-40° to 185°F).
<b>Storage Temperature</b>	-40° to 85°C (-40° to 185°F).
<b>Weight</b>	2.7 lbs (1224.7 g).
<b>Enclosure</b>	5.5 in L x 5.6 in W x 2.1 in H (139mm L x 142mm W x 53mm H) Noryl.
<b>Circuit Protection</b>	Reverse Polarity, Overvoltage, Transient Voltage, Battery Dump, Open Load.

## DIMENSIONS



For a detailed specification visit  
[marlintech.com/m-flex](http://marlintech.com/m-flex)

Marlin Technologies, Inc.  
 101 Industrial Drive \ P.O. Box 123  
 Horicon, WI 53032-1803  
 920.485.4463 \ P  
 920.485.2899 \ F

**MARLINTECH.COM**  
 MADE IN THE USA WITH  
 IMPORTED MATERIALS