

# M-FLEX DIGITAL SWITCHER M04-05

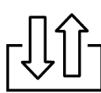
M-Flex Digital Switcher M04-05 CAN I/O Controller is designed to withstand the harsh temperatures, shock and vibration, moisture and electrical transients that are common to the harsh environments.



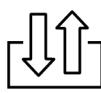
**M-Flex**  
CONTROLLERS



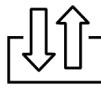
## FEATURES



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



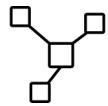
(4) x 10A Outputs have digital fusing and circuit fault detection. (3) Outputs with PWM.



(1) x 20A Outputs have digital fusing and circuit fault detection



Fully encapsulated electronics for complete environmental protection.



Compatible with M-Flex Keypads and Displays, and MFD.



Turn conditions into actions - no code required.



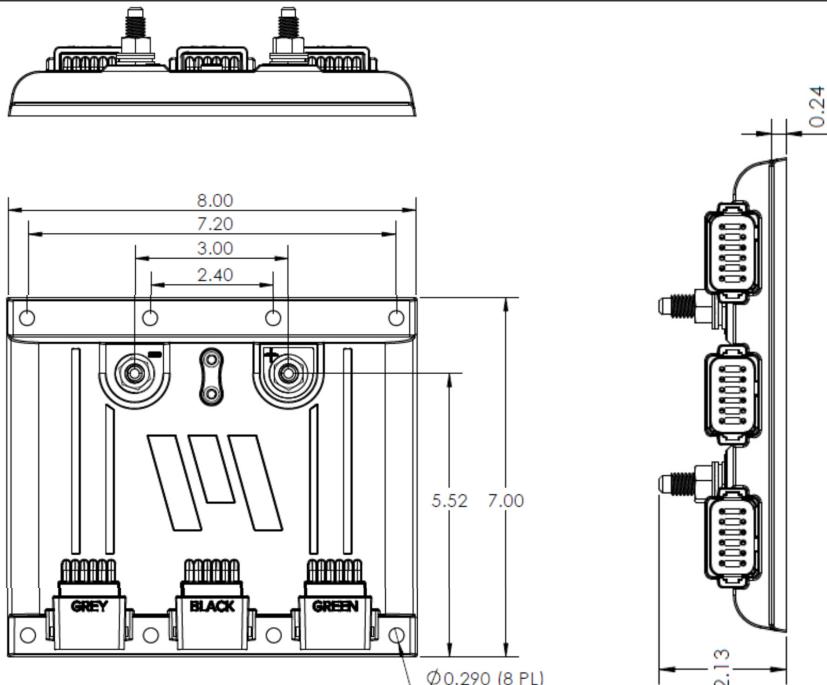
The controller supports three interfaces: CAN for command and status messaging, a no-code configuration tool for simple standalone behavior, and C programming for custom firmware and advanced control logic.

## SPECIFICATIONS

Specifications subject to change without notice. \ Revised 01.26

<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 1/4" 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  
[marlitech.com/m-flex](http://marlitech.com/m-flex)

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 IMPORTED MATERIALS