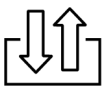


# M-FLEX DIGITAL SWITCHER

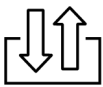
M-Flex Digital Switcher CAN I/O Controller is designed for the marine market and built to withstand the harsh temperatures, shock and vibration, moisture and electrical transients that are common to the marine environment.



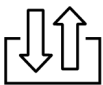
## FEATURES



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



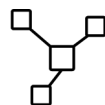
(16) x 10A Outputs have circuit current monitoring. (4) Outputs with PWM.



(4) x 15A 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 each boat model.



Programming options:

- User-configurable functions.
- Custom application software.

## SPECIFICATIONS

Specifications subject to change without notice. \ Revised 01.24

<b>Supply Voltage</b>	9 – 32VDC.
<b>Max Current</b>	100A.
<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>	(1) Analog input 0-32V, 4-20mA, Resistive.
<b>Outputs</b>	(4) x 15A(High side); (16) x 10A(High side) [(4) PWM/dimmable outputs].
<b>Connectors</b>	Deutsch DT15-12PA, DT15-12PB, DT15-12PC and (2) insulated 3/8"-16 power studs.
<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>	3.75 lbs (1700 g).
<b>Enclosure</b>	7.7 in L x 7.75 in W x 2.0 in H (196 mm L x 195 mm B x 51 mm H) Noryl.
<b>Circuit Protection</b>	Reverse Polarity, Overvoltage, Transient Voltage, Battery Dump, Open Load.

## DIMENSIONS

