

What's in the Box?

1. DCU 408E in an ESD Bag
2. Bag with fastening material
3. Quick Installation Guide



Caution!

Handle with care when opening the bag and installing the unit.

User Interface Basics


The screen pages and panel buttons shown below are presented as they will appear on an attached RP 410E Remote panel.

Instrument Pages Layout

Configurable Gauges. Status Bar on top of the screen and Soft-button bar at the bottom.




Start Engine

Press Start Button.  If configured as Latched Start confirm by selecting the 'Start' soft button.



Stop Engine

Press Stop Button.  If configured as Latched Stop confirm by selecting the 'Stop' soft button.



Alarm List

- Red: Alarms/Load-Reductions/Shutdowns
- Yellow: Warnings
- White: J1939 DM1 Diagnostics
- Bold: Unconfirmed



Menu

The Menu hierarchy.



For More Information:

For the latest updated information, please contact your local distributor or visit the Marine Pro 400 section of the Auto-Maskin web site: <http://www.auto-maskin.com>



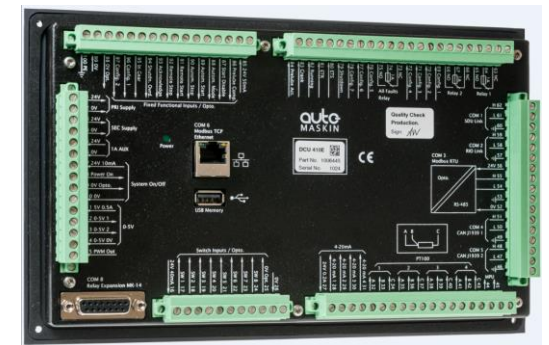
Marine Pro. 400

Quick Installation Guide

DCU 408E

P/N 1006510

DCU 408E Engine Controller



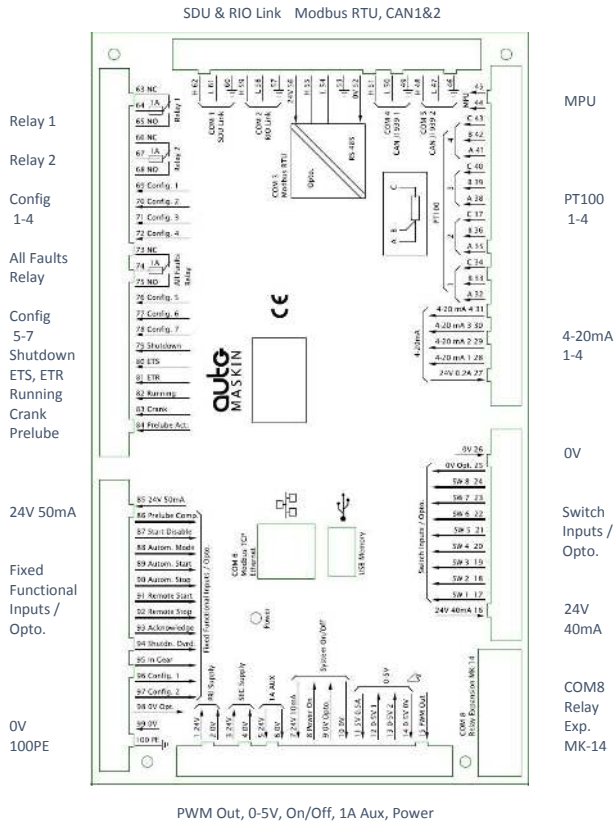
- 8 configurable switch inputs
- 4 configurable 4-20 mA inputs
- 4 configurable PT100 inputs
- Fixed functional inputs
- Fixed- and configurable outputs
- 1 magnetic pickup channel
- Dual J1939 interfaces
- Ethernet and Modbus communication

Power Ratings

Section	Min	Typ.	Max	Unit
Power Supply, Vcc	18	24	32	VDC
	-	0.5	2	A

Max ripple 10% without exceeding Min and Max values.

Rear side and Connectors



PWM Out, 0-5V, On/Off, 1A Aux, Power

Responsibilities:

It is the *sole responsibility of the installer* to ensure that the installation work is carried out in a satisfactorily manner and meet all applicable rules and regulations.

Installation Steps

1. Remove the unit from the ESD Bag. Use the submitted Cabinet Frame and mount it in a suitable enclosure.
2. Attach the Power Supply (Terminals 1-4) and make sure the power ratings are within product specifications.
3. Strap System-On with short wires between terminal 7&8 and 9&10.
4. Connect additional external connectors. This may include the following:
 - * CAN bus (J1939)
 - * All Faults
 - * Switch Inputs
 - * Configurable Outputs
 - * Magnetic Pickup Input
 - * PT 100 Sensors
 - * 4-20 mA Sensors
 - * Ethernet Interface
 - * SDU & RIO Link
 - * MK-14 Expansion.

For further details and information, please see the **Installation Manual**.

Note:

Auto-Maskin continuously upgrades its products and reserves the right to make changes and improvements without prior notice.

Configuration Steps

The DCU has a built in web server with access to a full configuration of the unit.

PC Connection/Setup:

- Connect via Ethernet using a Net Browser
- From the Address Field in the Browser, type the IP-Address. Factory Default is **192.168.0.101**.
- Then log in to the unit. Factory Default Username is 'DCU' and Factory Default password is '1234'.

For further details and information, please see the **Configuration Manual**.

Additional Documentation:

Please visit the Marine Pro 400 section of the Auto-Maskin web site for the following enhanced documentation:

- Installation Manual
- Configuration Manual
- User's Manual.

<http://www.auto-maskin.com>