

# EVO

**A flexible solution to your control !**



**A “Solution” to your needs  
Adaptable to your applications & products**

**Your own OEM personalized LCD Control  
Your characteristics and advantages over your competitors  
A low investment & competitive Unit Price**

**See generic characteristics & custom ones for details on the back**

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# EVO

## The Universal LCD Control / A Solution by M2S Electronics

### Introduction

This M2S solution can be customized for different applications and market segments. The elegant industrial design offers customized electronic hardware & software by M2S and graphic display to your specifications.

### EVO Generic Characteristics

#### Mechanical & Dimensions Specifications:

Elegant Housing - overall dimension	Small and ergonomic, will blend with the house environment / 4" 3/16 (w) / 3" 15/16 (h) / 13/16" (d)
LCD Display	Visible features and programs at night / Led backlight / 2" x 3" screen
Back plate mount	Fast fix with anchors or over a single or double home electrical box
Front Panel with LCD	As easy as "Clips" to the back plate mount
Activation Buttons	Soft touch buttons for easy access to features and programs

#### Environmental Specifications:

Operating ambient temperature	0°C to 50°C (32°F to 122°F)
Shipping & Storage temperature range	-40°C to 55°C (-40°F to 130°F)
Operating relative humidity rating	5 to 90% RH, non-condensing at 35°C (95°F)
WEEE / RoHS compliant	Design to respect the environment

#### Quality & testing :

Immunity testing	<b>EVO</b> meets IEC 61000-4-2 Electromagnetic compatibility (EMC)- Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
	<b>EVO</b> sustains a parasitic airflow of 0.15m/s (30 ft per min.) coming from the wall aperture. The control shall not be mounted on an exterior wall.

### EVO Customized Characteristics

From your own Specifications Requirements, M2S will customize the following characteristics.

LCD Led backlight colour	Choose your colour
LCD appearance & logo	Customized window display (your LCD tooling) with brand name print
Temperature display resolution	Proposed 1°F or 1°C
On board temperature sensor precision	Proposed ± 1°C between 0 to 50°C
On board humidity sensor precision	Proposed ± 5% RH @ 25°C between 40% to 80% RH
Clock Accuracy	Proposed ± 1 minute per month
Batteries	Proposed without batteries. If power outages, time retained for 4 hours. All programmed set points and periods retained indefinitely.
Software	The software will be conceived by M2S after your Specifications and Requirements
Activation Buttons	Option of 1 to 5
Led functions warnings	Option of flexible location on housing and numbers (up to 10)
Low investment	Your LCD tooling & your engineering

**M2S Requirements :** Your Complete Product Specifications Requirements. / Specific preferences on display parameters. / Your "product" algorithm, inputs & outputs (at time of development). / Your Testing Requirements. / Your Marking & Packaging Specifications.

**CALL US FOR A PRESENTATION AND MORE DETAILS !**

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