

DISPLAYMASTER DATASHEET

Product Overview

The **DisplayMaster** Dual Line 6-Digit Digital Display Controller is Simple Systems and Integration's solution for a wall mounted control panel to interface with a single 4-20mA level transmitter. Four relays allow the control of external system components such as small motors or contactors. The digital outputs can also be configured to power onboard LEDs and an audible alarm. The DisplayMaster is prewired in an enclosure to minimize the costs and time required to get your level measurement system up and running. Simply mount, apply power and connect a level sensor and the system is ready to go! Configuration of the system can be completed within minutes either through the Display Controller Front Panel or Programming Soft via front-mounted mini-USB connector.

Features and Benefits

The 6-Digit Dual Line Display Controller is housed in a UL listed polycarbonate enclosure.

A hinged panel allows easy installation and maintenance.

Panel mounted fuses protect system power and each relay output.

The 4-20mA transmitter power is protected from short circuits by a resettable fuse.

Four software configurable relays are connected through panel mounted pluggable terminal blocks.

Configuration of the display's scale, units and relay functions are achieved either through the Display Controller front panel or Programming Soft via front-mounted mini-USB connector.

Optional panel mounted indicator LEDs and an audible alarm are available.



Electrical Characteristics

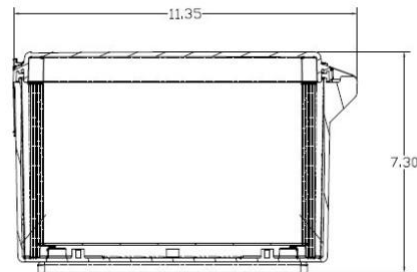
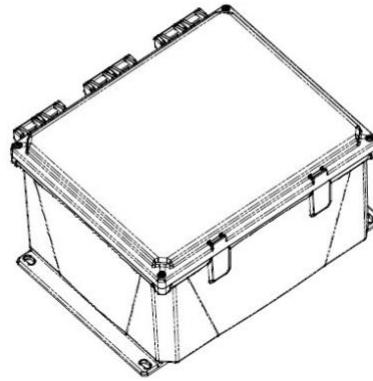
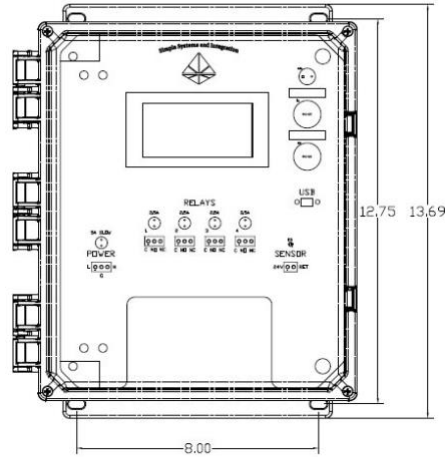
| Characteristic | Value |
|--------------------------------|---|
| Dual Line Display | Large Dual Line 6-Digit Display, Top Line 0.60" High & Bottom Line 0.46" High |
| Supply Voltage | 85-265VAC |
| Temperature Range | -40 to 65°C |
| Enclosure Environmental Rating | UL/cUL Type 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12, and 13 (file# E207562) |
| Sensor Interface | One, Loop Powered, 4-20mA Transmitter |
| Number of Control Circuits | 4 SPDT relays, 2.5A per circuit |
| 24VDC Supply Output | 200mA maximum current limit |
| Optional Indicator LEDs | One Red and one Green ultra-bright LED |
| Optional Audible Alarm | 4KHz, 87dBA |

Simple Systems and Integration



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Mechanical Dimensions



NOTE: ALL DIMENSIONS ARE IN INCHES

Ordering Information

| PART NUMBER | DESCRIPTION |
|----------------|---|
| DM-01 | 4 SPDT Relay Non-powered Outputs |
| DM-01-AC | 4 SPDT Powered Relay outputs configured for 120-240VAC Input Power |
| DM-01-DC | 4 SPDT Powered Relay outputs configured for 24VDC using internal 200mA supply |
| DM-01-FUNC | One Non-powered Relay Output, 2 Indicator LEDs, One audible alarm |
| DM-01-FUNC-120 | One Powered 120-240VAC Relay Output, 2 Indicator LEDs, One audible alarm |
| DM-01-FUNC-24 | One Powered 24VDC Relay Output, 2 Indicator LEDs, One audible alarm |

Simple Systems and Integration is dedicated to providing our customers with solutions that meet all of their process control needs. If this product requires modification to meet a specific need, do not hesitate to contact the **C A Briggs Company** us at 1-800-352-6265 for more information.

Order from: **C A Briggs Company**

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