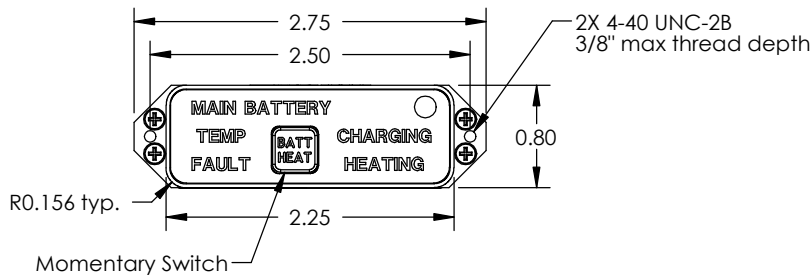
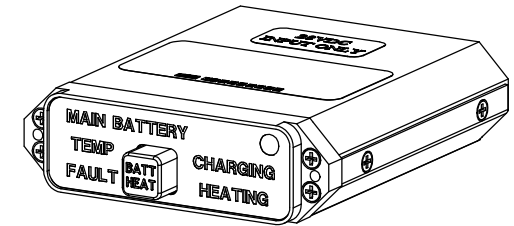
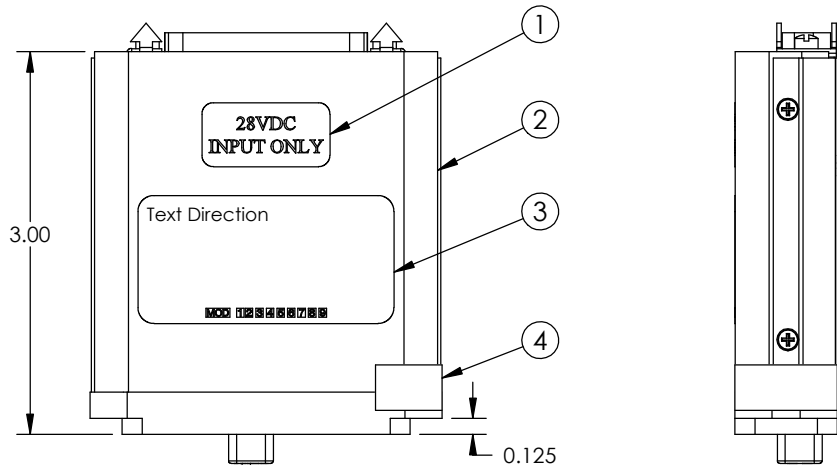


Configuration	
Dash #	

Revision				
ECO	Rev.	Description	Date	Approved
	A	Production release.	9/16/14	MKN/Sch
6566	B	Updated to show new annunciations in Pinout and Spec Tables. Power input was 0.15 Amps.	04/25/16	MKN/Sch



Connector Pinout			
Pin #	Description	Pin #	Description
1	CHARGING, Battery1	14	Reserved
2	HEATING, Battery1	15	Pin2 of RTD1, Battery2
3	FAIL/FAULT, Battery1	16	Pin1 of RTD1, Battery2
4	HEATING, Battery2	17	Panel Lighting Input, 28VDC
5	CHARGING, Battery2	18	Pin1 of RTD2, Battery2
6	FAIL/FAULT, Battery2	19	Output to Pin1 of RTD1, Battery2
7	Pin2 of RTD1, Battery1	20	Input from Pin1 of RTD2, Battery1
8	Pin1 of RTD1, Battery1	21	Input from Pin1 of RTD2, Battery2
9	Pin1 of RTD2, Battery1	22	Pin1 of Over Temperature Warning
10	Output to Pin1 of RTD1, Battery1	23	Pin2 of Over Temperature Warning
11	28VDC, Battery1	24	GROUND
12	28VDC, Battery2	25	GROUND
13	28VDC, Aircraft Power		

Specifications	
Power Input	28 VDC, 0.20 Amps max
Lighting	LEDs; 28 VDC input
Dimming	Automatic
Weight	0.26 lbs
Temperature	-55 °C to 70 °C
Altitude	0 to +55,000 Ft.
Connector	MD25M5R40V30
Mating Connector	RD25F10JVLO
Color	Bezel: Black
	TEMP Annunciation: Red
	FAULT and CHARGING Annunciations: Amber
	HEATING Annunciation: White
	Button: Backlit White

Note:

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.
 TOLERANCE:
 FRACTIONAL= ±1/64
 .XX= ±0.015
 .XXX= ±0.005
 .XXXX= ±0.002
 ANGULAR= ±0.5°
 CONCENTRICITY: 0.005 TIR
 BREAK ALL SHARP EDGES
 THREADS PER MIL-S-7742

DRAWN:
MKN
5/2/2014

APPROVED:
Sch
9/18/2014

This document discloses proprietary information of Mid-Continent Instrument Co., Inc. It may be reproduced or disclosed only with written permission of Mid-Continent Instrument Co. and is not to be used in any way detrimental to the interests of Mid-Continent Instrument Co., Inc.

TITLE:
Battery Annunciation Unit

SCALE: 2:3

DO NOT SCALE THIS DRAWING



PART NUMBER:
MD41-1817

SHEET: 1 of 1

Item	Qty	Part Number	Description
1	1	7016942	Decal, 28VDC for MD41
2	1	9018181-1	Assy, Annunciation Control Unit, MD41-1817
3	1	9018183	Nameplate, Annunciator, Battery
4	1	6018956	Decal, Warranty