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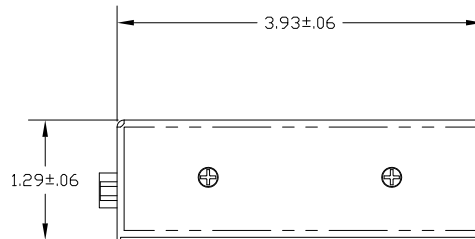
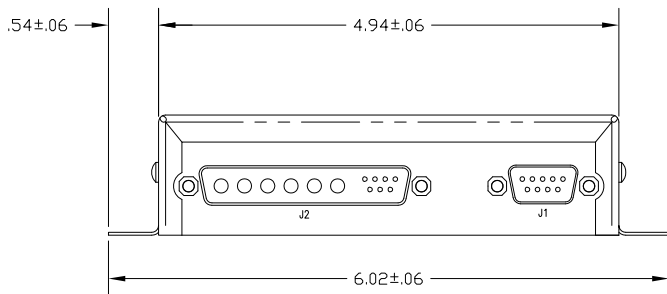
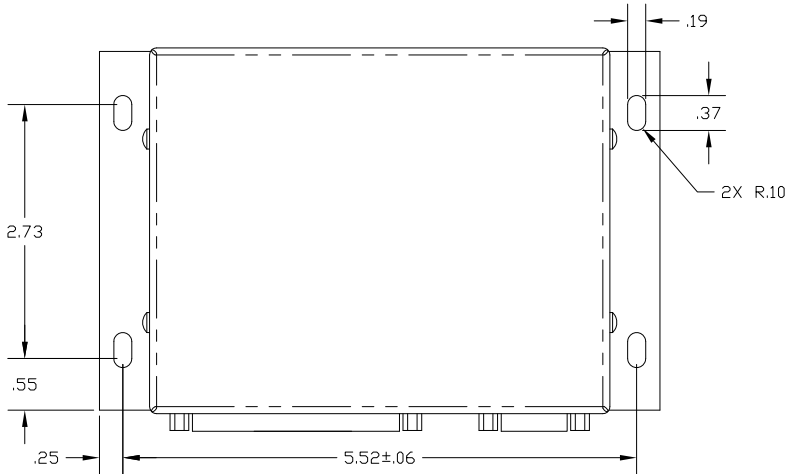
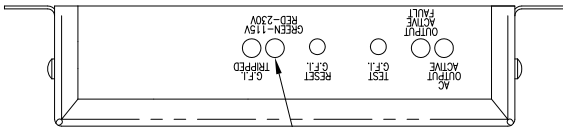
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NOTES:

1. AC LINES ARE NOT CURRENT LIMITED WITHIN THIS MODULE. AC LINE CURRENT LIMIT MUST BE PROVIDED WITH EXTERNAL BREAKERS. AC CURRENT SHOULD NOT EXCEED 30 AMPS. P/N OF CONEC INC.
2. PINS ARE USED ONLY IF REMOTE "TEST/RESET" PANEL IS USED. J1 PINS 5, 6, 7, 8, AND 9 ARE INTERNALLY CONNECTED TO J2 PINS 3, 4, 5, 6, AND 7
3. INSTALLATION AND OPERATION: SEE MCC-19-250.
4. LED WILL INDICATE SYSTEM VOLTAGE. GREEN IS 115 VAC, RED IS 230 VAC.
5. TYPICAL FAULT CURRENT SENSITIVITY: 6 - 10mA.
6. UNIT SHOULD BE TESTED PERIODICALLY TO INSURE PROPER OPERATION.
7. P/N OF ITT CANNON.
8. MATING CONNECTOR KIT AVAILABLE AS MCCI P/N: 856003-1 & 856030-1 FOR CONNECTORS J1 & J2 RESPECTIVELY.
9. PIN STATE WILL INDICATE SYSTEM VOLTAGE. FLOATING IS 115VAC, GROUNDED IS 230VAC.

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	DRAWN
4D	A	ADDED PIN DESCRIPTION FOR 115/230 GND OUT.	2/20/2014	AJH



WIRE DESCRIPTION - J1		
CONNECTOR DESCRIPTION		MATING CONNECTOR
PART NUMBER		PART NUMBER (OR APPLICABLE EQUIVALENT)
DEMA9P	CONNECTOR	DEMA9S CONNECTOR
D20418-2	FEMALE JACKPOST	D20419-21 MALE SCREW LOCK BACKSHELL DE20961 CRIMP SOCKET 031-1007-078
PIN	CIRCUIT DESCRIPTION	CIRCUIT TYPE
1	NC	N/A
2	GND	AIRCRAFT GROUND
3	NC	N/A
4	NC	N/A
5	REMOTE "TEST" INPUT	GND INPUT @ 10mA
6	REMOTE "RESET" INPUT	GND INPUT @ 10mA
7	REMOTE "TRIP" INDICATOR OUTPUT	GND OUTPUT @ 50mA
8	REMOTE "ACTIVE" INDICATOR OUTPUT	GND OUTPUT @ 50mA
9	REMOTE "115/230" INDICATOR OUTPUT	GND OUTPUT @ 50mA

WIRE DESCRIPTION - J2		
CONNECTOR DESCRIPTION		MATING CONNECTOR
PART NUMBER		PART NUMBER (OR APPLICABLE EQUIVALENT)
3013W6PCT58N20X	CONNECTOR	3013W6SXK99A10X CONNECTOR
D20418-2	FEMALE JACKPOST	132CI1039X CRIMP SOCKETS, 30A 132CI5019X CRIMP SOCKETS
PIN	CIRCUIT DESCRIPTION	CIRCUIT TYPE
A1	AC LINE (OUTPUT - 30A MAX.)	115 / 230 VAC OUTPUT
A2	AC RTN (OUTPUT - 30A MAX.)	115 / 230 VAC OUTPUT
A3	AC GND (OUTPUT)	115 / 230 VAC OUTPUT
A4	AC GND (INPUT)	115 / 230 VAC INPUT
A5	AC RTN (INPUT)	115 / 230 VAC INPUT
A6	AC LINE (INPUT)	115 / 230 VAC INPUT
1	NC	NA
2	STATIC GROUND	AIRCRAFT GROUND
3	REMOTE "TEST" INPUT	GND INPUT @ 10mA
4	REMOTE "RESET" INPUT	GND INPUT @ 10mA
5	REMOTE "TRIP" INDICATOR OUTPUT	GND OUTPUT @ 50mA
6	REMOTE "ACTIVE" INDICATOR OUTPUT	GND OUTPUT @ 50mA
7	REMOTE "115/230" INDICATOR OUTPUT	GND OUTPUT @ 50mA

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MID CONTINENT CONTROLS, INC.
901 NORTH RIVER DERBY, KS 67037 (316)789-0088

FINISH: ANODIZE, TYPE II, BLACK MIL-A-8825
MATERIAL: N/A

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE: .XX = .01 ANGLES ±1° .XXX = .005

DERIVED FROM N/A

SIZE/DRAWN DWG NO. REV
C AJW 106366 A

SCALE 1/1 DATE 6/16/2011 SHEET 1 OF 1

ORDER NO.	DESCRIPTION
106366-1	GROUND FAULT INTERRUPTER, AC ONLY (115/230)

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