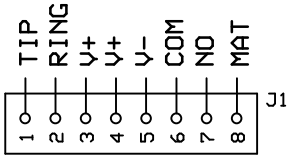

1. Start with all switches in CENTER position
2. AFTER each test return switch to CENTER position

PlUG EXT 10 POS = 710-691351500010 MOUSER PN (USED FOR CAL ONLY) OPTIONAL

MEASURE RESISTANCE
BETWEEN "TIP" AND "RING"

MODE SELECT
CIM OP MAT

OPERATOR LOAD

0 1M 0 1M — 0 <1.5 — 1M +/- 10%

5M 10M 5M 10M — 5M +/- 10% — 10M +/- 10%

30M — 30M +/- 10%

MEASURE RESISTANCE
BETWEEN "V-" AND "MAT"

MODE SELECT
CIM OP MAT

MAT LOAD

1M 10M 1M 10M — 1M +/- 10% 10M +/- 10%

MEASURE VOLTAGE
BETWEEN "V+" AND "V-"
AFTER PRESSING BUTTON
"V+" = RED lead meter
"V-" = BLACK lead meter (COM)

MODE SELECT
CIM OP MAT

VOLATGE SELECT

5V 12V 5V 12V — 5 +/- 10% — 12 +/- 10%

POLARITY
+ −

POSITIVE TEST
VALUE should be POSITIVE

MODE SELECT
CIM OP MAT

VOLATGE SELECT

5V 12V 5V 12V — -5 +/- 10% — -12 +/- 10%

POLARITY
+ −

NEGATIVE TEST
VALUE should be NEGATIVE

MODE = "OP" ohms

	PASS	FAIL
0 < 1.5 ohm	☐	☐
1M 900K to 1.1M	☐	☐
5M 4.5M to 5.5M	☐	☐
10M 9.0M to 11.0M	☐	☐
30M 27.0M to 33.0M	☐	☐

MODE = "MAT" ohms

	PASS	FAIL
1M 900K to 1.1M	☐	☐
10M 9.0M to 11.0M	☐	☐

MODE = "CIM" volts

POLARITY = "+"

	PASS	FAIL
+5V +4.5V to +5.5V	☐	☐
+12V +10.8V to +13.2V	☐	☐

POLARITY = "−"

	PASS	FAIL
-5V -4.5V to -5.5V	☐	☐
-12V -10.8V to -13.2V	☐	☐

	PASS	FAIL
CIM PS LED	☐	☐
RELAY LED → SHORT "COM" & "NO" PRESS BUTTON	☐	☐

DATE _____

SERIAL # _____

QC/CAL BY _____

BOTRON Company Inc.

B92901 SENTINEL REF CAL QC

BLANKENSHIP	Rev 1.3 08/26/2022	1 of 1