B BOTRON

Overview:

The Botron B9202 is designed to monitor resistance of both the work surface and the operator'. It comes with a built in audible alarm and LED, triggering either when either the operator or work surface falls out of spec, becomes disconnected, or ground is lost. It is a fixed resistor system and is go no go, there is no calibration needed. A full time monitoring system is necessary to reduce latency on the assembly line.

Product Notes and Features

1) Pass/Fail LED Alarm

2) Banana Jack Input

3) Ground Wire

PROPERTIES   SPECIFICATIONS

Operating Parameters:

Mat:	Pass = >0 to < 6.75M
	Fail = >6.75M
	+/- 10%
Operator:	Pass <8Meg
	Fail High >8.5Meg
	+/- 10%
	.88" x 1.75" x 1.25"
Size:	Screws on
Mounting:	1 Meg Ohm
Safe Condition:	6.5 Meg Ohm
Fault Condition:	110v std. 230v - opt. Power pack
Power:	green (safe), red (fault)
Visual Alarm:	Active when plugged in
Operation:	

PART NUMBERS

B9202 Continuous Monitor

APPLICATIONS

To be used in work environments in accordance with S20.20 standard for monitoring resistance from worker to ground. It is recommended to use constant monitoring in work environments handling components that are more susceptible to ESD damage.

CALIBRATION

The B9202 continuous monitors are factory calibrated. It is a Go/No-go solid state, impedance based monitor and is not user adjustable. It is always important to make sure that all units have a proper ground.

INSTALLATION

1. Mount monitor under front edge of bench area using Velcro or optional Z-brackets.
2. Connect ground cord (B9701) to either snap on mat and to ground.
3. From the monitor, using the ground wire, connect to unoccupied snap.
4. Attach power cord and plug in to a grounded 110v outlet.
5. With wrist strap fastened connect ground cord into the monitor. LED will go from Red to Green.
Notes:
This monitor system needs two snaps on mat and grounding hardware.
Operator LED should be Red and alarm should sound several times and then shut off on startup.
Wires should not be allowed to be stretched taut.