



## INSTALLATION

The voltage and frequency of the power supply must match the designation on the control nameplate. The control assembly should be installed close to the equipment, where it is easily seen by and accessible to the operator.

Installation on a wall in a clean, dry, vibration-free location is recommended. Ambient temperature should not exceed 100°F (40°C).



**WARNING: The electrical power supply connection to the control must be made through a customer-supplied safety disconnect switch, which must be mounted next to the control. Incorporation of an emergency stop may also be required, per local codes.**

When making electrical connections, it is important to follow the wiring diagram supplied with the control. **CAUTION:** Nonmetallic enclosure does not provide grounding between conduit connection. Use grounding bushings and jumper wires.



**WARNING: The control must be properly grounded and verified at installation.**

Enclosure integrity should be maintained at all times. Ensure any enclosure connectors used will maintain the designated UL or IEC rating of the supplied unit. Install enclosure lid gasket to maintain the NEMA 4X integrity rating.

## OPERATION



**WARNING: The control must be kept closed and secured while in operation.**

After the control has been installed and all strain relief connections have been properly completed, the control is ready for operation. To energize the equipment, place the switch in the ON position. The potentiometer is used to control the vibration of the equipment. Turning the knob clockwise will increase the amplitude of vibration, and counterclockwise will decrease the amplitude of vibration.

## MAINTENANCE



**WARNING: Disconnect the power supply at the safety switch before performing any maintenance.**

The only maintenance required is that the controller be kept reasonably clean.



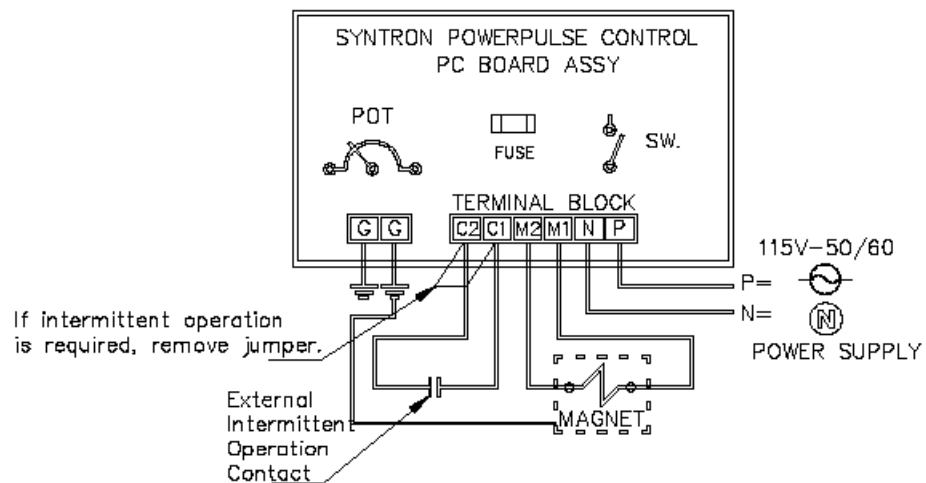
**WARNING: Do not use a damp cloth or water for cleaning. Clean, dry, compressed air is recommended for cleaning.**

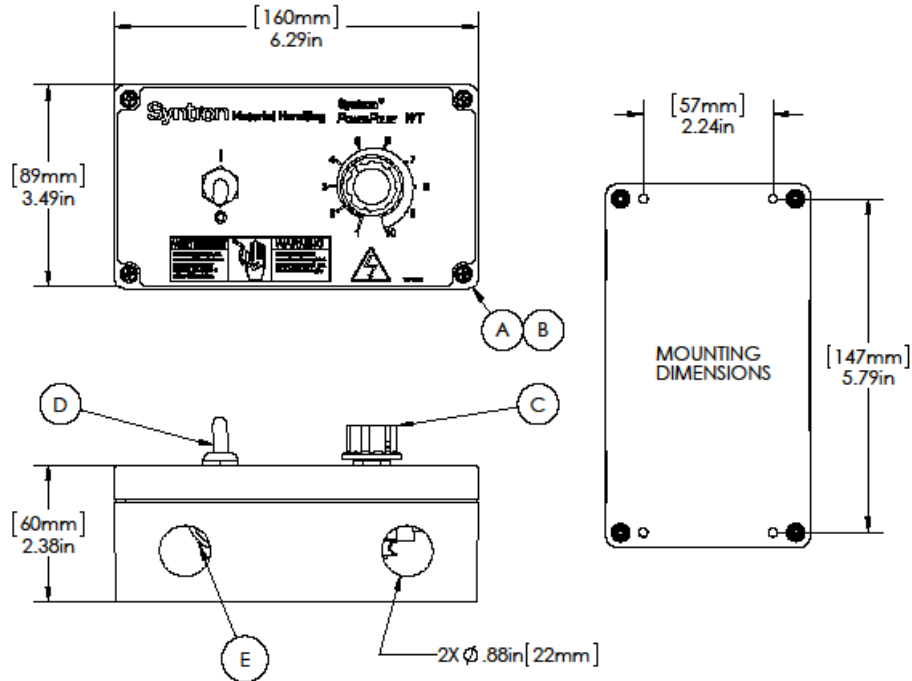
## TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
No power from the control	Open fuse	*Replace the fuse
	Loose connection	Repair
	Defective PCB	*Replace PCB
No control of power from the control. Equipment runs at full capacity or with a weak hum. There is no definite stroke.	Defective PCB	*Replace PCB

\*Replace only with parts recommended or supplied by SYNTRON.

## WIRING DIAGRAM





## PARTS LIST – POWERPULSE 115V AC CONTROL (B-225708-A)

tem	Description	Quantity	Part No.
A	Enclosure Box (NEMA 4X)	1	7220-015-A
B	PowerPulse Decal	1	7220-006-001
C	Knob	1	0118X039
D	Switch Boot	1	0038X314
E	TRC/PCB Assembly	1	B-225479-A
	Fuses 6A	1	0174X026
	Switch	1	0051X965
	Wiring Diagram	1	B-225707

Syntron Material Handling, LLC reserves the right to alter at any time, without notice and without liability or other obligations on its part, materials, equipment specifications and models. Syntron Material Handling, LLC also reserves the right to discontinue the manufacture of models, parts, and components thereof.

**Syntron®**  
**Link-Belt®**

Tupelo  
2730 Hwy 145 South  
Salttillo, Mississippi 3886  
Phone: 662.869.5711  
Fax: 662.869.7493  
Toll Free: 800.356.4898  
info@syntronmh.com