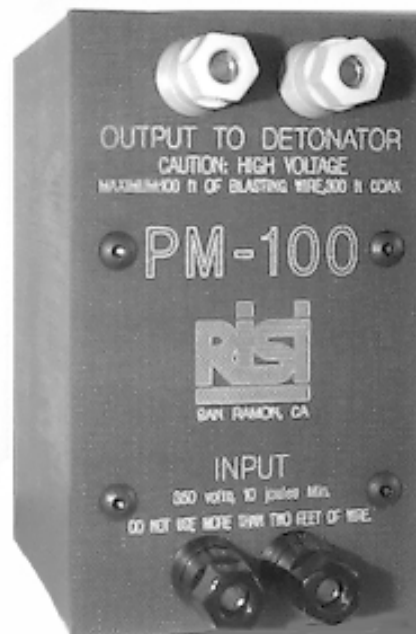


PM-100 POWER MULTIPLIER

P/N 188-7387

The PM-100 "Power Multiplier" converts the power output of a conventional blasting machine to the higher power required for Exploding BridgeWire (EBW) detonators. With a RISI "Power Multiplier", many blasters may use EBW detonators without the additional expense of a specialized EBW fire set.



Installation

1. Place the RISI PM-100 as close to the required blasting machine as possible.
2. Connect the OUTPUT of the blaster to the INPUT of the PM-100 using RISI twin lead cable, P/N 167-8559.
3. Connect the EBW detonator to the OUTPUT of the PM-100 using a maximum of 100 ft. of RISI twin lead cable, P/N 167-8559, or a maximum of 300 ft. of RISI coaxial cable, P/N 167-2669.

Required Blasting Machine output

10 Joules, minimum

350 volts, minimum

PM-100 Specification

Size: 3" X 4" X 5"

Weight: 6 pounds (approx.)

Output: Sufficient to function a RISI EBW Detonator when properly installed.

Caution: While EBW detonators are inherently less susceptible to accidental detonation during handling and set-up than devices containing primary explosives, electrical and electronic firing systems are sensitive to transient electrical energies which could cause premature triggering or firing. The blasting area must be clear of personnel and equipment before the detonator leads are connected to the RISI PM-100 or any other RISI Firing System. Only approved RISI Firing Systems should ever be used to initiate or detonate any explosive product manufactured and authorized for sale by RISI.