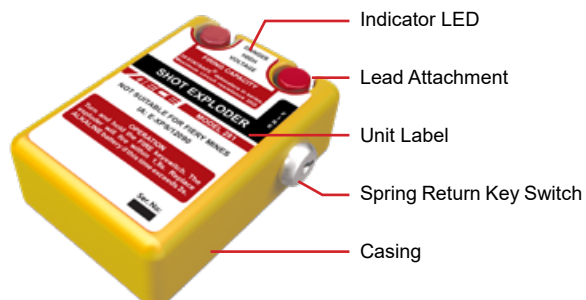


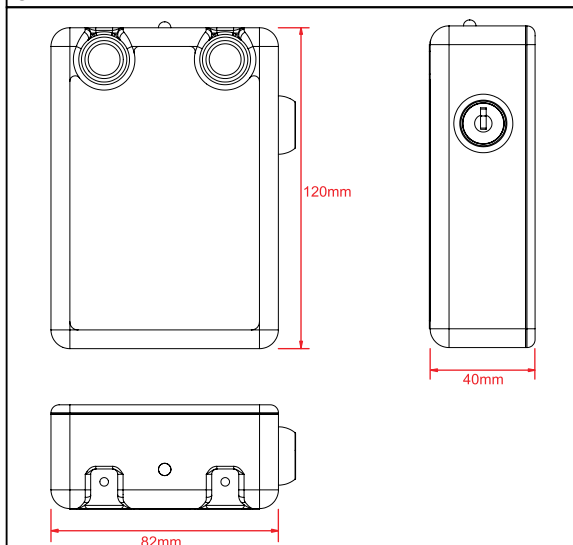
Statsafe® Shot Exploder

Model 281

Key Switch Model



Unit Dimensions



Features

- The 281 is capable of firing up to 20 Type 1 (Shocktube Initiator or Statsafe®) electric initiators/detonators connected in series, where the circuit resistance does not exceed 20Ω.
- The small, compact and lightweight design makes it easy to transport and comfortable to carry.

Operation

- Operation is by means of a key switch which automatically fires after a delay of 1.5-3 seconds. An indicator light flashes when firing is taking place.
- The 281 is powered by a replaceable PP3 9V Alkaline battery and is capable of at least 1500 firings. The battery must be replaced when firing time exceeds 3 seconds.

Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- Not approved for fiery mines.
- The 281 should only be opened to replace PP3 9V Alkaline battery.

Specifications

IA Certificate Number		E-XPS/12090.
Nominal Firing Voltage		250V.
Nominal Output Energy		2.4J.
Firing Mechanism		Spring return key switch.
Charging Time		1.5-3s.
Firing Capacity		2 Type 1 (Shocktube Initiator or Statsafe®) electric initiators/detonators in parallel using 90Ω firing cable. 20 Type 1 (Shocktube Initiator or Statsafe®) electric initiators/detonators in series (firing circuit resistance <20Ω). 50 Type 0 Standard electric initiators/detonators in series using 50Ω firing cable (firing circuit resistance <100Ω).
Battery	Type	PP3 9V Alkaline.
	Capacity	1500 firings.
Construction		Fully encapsulated circuitry in a tough plastic enclosure.
Unit Dimensions		120mm x 82mm x 40mm.
Unit Mass		0.49kg.
Temperature Range		-5°C to 45°C.

Warning and Disclaimer

The information and recommendations in this document are provided for reference purposes only and should not be construed as advice to cover every application of the product or variation of conditions under which the product may be used.