

Statsafe® Shot Exploder

Model 381F

Rechargeable Key Switch Model



Features

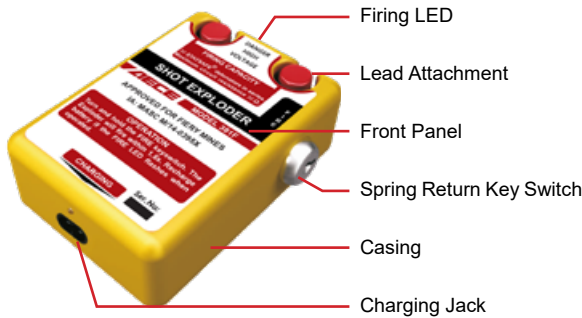
- The 381F is capable of firing up to 30 Type 1 (Shocktube Initiator or Statsafe®) electric initiators/detonators connected in series, where the total circuit resistance does not exceed 30Ω.
- The small, compact and lightweight design makes it easy to transport and comfortable to carry.

Operation

- The 381F is operated by means of a key switch which fires automatically within 1.5 seconds. An indicator light flashes when firing takes place.
- The 381F is powered by a rechargeable battery and is capable of at least 200 firings. The battery must be recharged when the firing time exceeds 3 seconds.

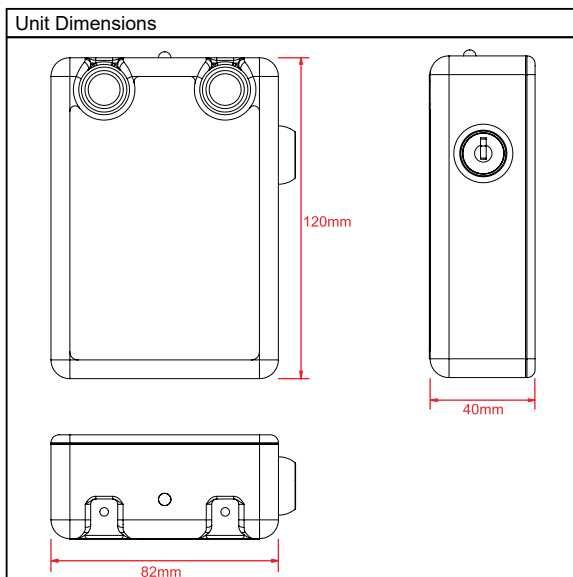
Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- Approved for use in fiery mines.
- The 381F should only be charged with the specially designed charging cable.



Specifications

IA Certificate Number	MASC M/14-0395X.	
Nominal Firing Voltage	330V.	
Nominal Output Energy	3.7J.	
Firing Mechanism	Spring return key switch.	
Charging Time	<1.5s.	
Firing Capacity	30 Type 1 (Shocktube Initiator or Statsafe®) electric initiators/detonators in series via 2Ω firing cable (firing circuit resistance <30Ω). 70 Type 0 Standard electric initiators/detonators in series via 5Ω firing cable (firing circuit resistance <125Ω).	
Battery	Type	Rechargeable.
	Capacity	200 firings.
	Charging	Charged from mains power (110-250 _{AC} , 50-60Hz) using the supplied charging cable.
	Charging Time	Full charge reached in 6 hours. Note: Prolonged charging will not harm the battery.
Construction	Fully encapsulated circuitry in a tough plastic enclosure.	
Unit Dimensions	120mm x 82mm x 40mm.	
Unit Mass	0.55kg.	
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.