

Electric Super Starter™

Technical
Information



Product Description

ELECTRIC SUPER STARTER detonator is an instant electric detonator housed in a plastic bunch block, facilitating easy connection to both shock tube and detonating cord.

ELECTRIC SUPER STARTER detonator is insulated with HDPE which offers added protection from extraneous currents. It has RDX and/or PETN in the base charge.

Recommended firing current:

Series wiring: a minimum of 3 amps AC or 1.5 amps DC

Parallel wiring: a minimum of 1 amp AC or DC per detonator

Series-in-parallel wiring: a minimum of 2 amps AC or DC per series

The maximum recommended continuous firing current is 10 amps per detonator.

Properties

Shell Material	Aluminium
Shell Length	60.9 mm
Leg wire Colour	Red and Yellow
Maximum Water Pressure	60 PSI 8 hr
Shelf Life Maximum	5 years (from date of production)
Maximum Usage Temperature	66°C

Hazardous Shipping Description

DETONATORS, ELECTRIC, for Blasting 1.4B UN 0255



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Application Recommendations

NEVER use an ELECTRIC SUPER STARTER detonator with other Dyno Nobel electric detonators or electric detonators from another manufacturer. Wiring different brand electric detonators together in a blast circuit may result in misfires.

ALWAYS use Electric Super Starter detonator in accordance with laws and regulations.

ALWAYS test Electric Super Starter detonator before use by approved blasting circuit testers.

ALWAYS initiate Electric Super Starter detonator using approved firing devices only.

Leg wires should remain 'shunted' until final hook up.

Radio Frequency Hazard Alert - Electric Super Starter detonator must be used in accordance with Australian Standard 2187.2 – 2006 when in vicinity of radio frequency transmitters. This includes but is not limited to: portable / hand held radios, radio modems, pagers, mobile and cell phones and by extraneous sources such as stray ground currents, static electricity and lightning.

Shelf Life – For maximum shelf life (5 years), ELECTRIC SUPER STARTER detonator must be stored in a cool, dry, well ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old.

Packaging

Product Code	ECST0000016	ECMS0000080
Leg wire Length	4.9 m	24.4m
Nominal Resistance (ohms)	1.6	2.6
Quantity per Case	20	10
Weight / Case	1.8kg	3.5kg
Case Dimensions	28.6 x 19.4 x12.7 cm	
Net Explosive Content per 100 units (kg)	0.045	0.1

Safe handling, transportation and storage

First Aid – You can find detailed first aid information on the relevant Dyno Nobel Safety Data Sheet. Refer to www.dynonobel.com for more information if required.

Safety - All explosives are classified as dangerous goods and can cause personal injury and damage to property if used incorrectly.

Transportation and Storage - All explosives must be handled, transported and stored in accordance with all relevant regulations. Stock should be rotated such that older product is used first.

Product Disclaimer The explosive products discussed in this document should only be handled by persons with the appropriate technical skills, training and licences. While Dyno Nobel has made every effort to ensure the information in this document is correct, every user is responsible for understanding the safe and correct use of the products. If you need specific technical advice or have any questions, you should contact your Dyno Nobel representative. This information is provided without any warranty, express or implied, regarding its correctness or accuracy and, to the maximum extent permitted by law, Dyno Nobel expressly disclaims any and all liability arising from the use of this document or the information contained herein. It is solely the responsibility of the user to make enquiries, obtain advice and determine the safe conditions for use of the products referred to herein and the user assumes liability for any loss, damage, expense or cost resulting from such use. © DYN0, GROUNDBREAKING PERFORMANCE and the Loop device are registered trademarks of the Dyno Nobel / Incitec Pivot Group.™ ELECTRIC SUPER STARTER is a trademark of the Dyno Nobel / Incitec Pivot Group. © Dyno Nobel Asia Pacific Pty Limited 2015 Reproduction without permission strictly prohibited.