

e2v Product Types – EIS208DM, EIS211DM, EIS214DM, EIS215 DUMMY, EIS221DM

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Overview

e2v technologies' range of Exploding Foil Initiator (EFI) based detonators has been developed as a safer, more insensitive alternative to Exploding Bridge Wire (EBW) detonators and other explosive initiation devices.

Inert variant detonators are supplied without an explosive component and are packaged in antistatic foam and contained in standard trade package. They are labelled as INERT and generally coloured blue or identified inert with a blue label.

Inherent Hazards

The INERT EFI detonator is safe to use in normal circumstances. When integrated with an Electronic Safe Arm Unit, high voltage may be generated within the ESAU when Armed but will not be exposed unless there is damage to the insulation.

Operational Hazards

The following hazards must be included in a risk assessment, in order to ensure the operating risks are minimised by the use of appropriate controls and protective measures.

- High Voltage – if shipped integrated with an Electronic Safe Arm Unit, voltages up to 6 kV are present within the device when 'Armed'.

Decommissioning

There are no additional hazards associated with decommissioning of an inert device.

Disposal

There are no hazardous materials in sufficient quantities to require special treatment from an environmental protection point of view.

Material Data

Contains lead (as solder)	<1 gram
May contain hexavalent chromium	<0.1 gram
Body material	Aluminium
Stripline (when fitted)	Copper conductor, polyimide insulator