

e2v Product Types – EIS116, EIS129, EIS140, EIS142, EIS149, EIS150, EIS152, EIS154, EIS156, EIS156T, EIS159

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Overview

e2v technologies' range of Electronic Safe Arm Units (ESAU) and Firing Modules are supplied with a shipping cover or short circuit across the high voltage contacts and do not contain explosive material. When the shipping cover is removed the high voltage contacts may be exposed.

They are safe to transport, handle, commission and use providing the directions contained in this note are followed and safe working practices are used.

ESAU/Firing Modules are packaged in antistatic foam and contained in standard cardboard trade package. They normally require no special shipping method.

Inherent Hazards

There are no significant inherent hazards are associated with this device.

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 – When operated voltages up to 6 kV are present within the device when 'Armed'.
- High Voltage – When operated with the shipping cover removed voltages up to 6 kV are present on the high voltage contacts when the device is fired.

Decommissioning

No additional hazards exist when decommissioning this product.

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	Copper conductor, polyimide insulator