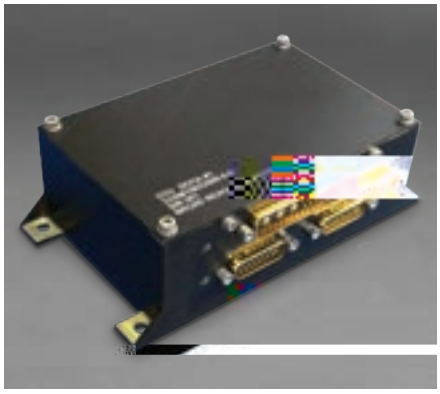
SPACECRAFT ENERGIZATION AND POWER INTERFACING ASSEMBLY (SEPIA™)



- SEPIA Powers SC Upon Separation Detection From Launch Vehicle
- Isolates Battery and Lazarus S/A Power From IAU Prior to Separation
- Redundant Relay Isolation – Either Relay Capable of Powering the Spacecraft
- Discrete Inputs Available for Powering IAU On / Off During Test
- Power Application Delay Time Programmable

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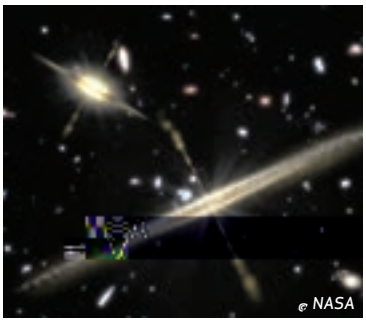
- Keeps Battery, Unswitched and Lazarus Solar Array Strings Disconnected from IAU Before Separation
- Autonomously Connects Battery, Unswitched and Lazarus Solar Array Strings to IAU Upon Separation
- Provides Battery Voltage Sense Inputs to IAU
- Provides Battery Trickle Charge Path Without Powering IAU
- Provides IAU 28V Input Without Connecting Battery for Test
- Provides IAU and EGSE Battery Monitor Board Power
- Saves Power by De-energizing Relay Coils Upon IAU Power Up
- Provides 28V Bus Voltage Sense to EGSE
- EGSE Verification of Relay Status
- Independent IAU Current Telemetry to EGSE
- Relays Resettable via EGSE Command Only

Size	6.18" x 3.43" x 2.16"
Mass	0.8g
Power	3.00W wc



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