

Description:

SRB is an On-Board unit distributes which distributes power to all electronic sub systems and also activates the pyros for firing of rocket motor, jet vanes ejection, petal opening mechanism, pyro cable cutter, RDPS jack& RDPS munitions initiation based on command from IAM.SRB enables power to RDPS munitions charging and warhead pyros after detecting lift off signal.

Avionics and control Battery Voltages are taken out of SRB for monitoring through On-Board units & TM by using ADCs and through DOP of On-Board units.

Specification

Input	:28V ,20A
No of cards	:3Nos (Relay Card-1) (Relay Card-2) (Battery Voltage Monitoring Card)
Relay Card-1	: No of Relays -7nos
Relay Card-2	: No of Relays -7nos
BVMC	: Opto Isolator - 2nos
No of DOPS	: 14
No of ADCs	: 2Nos
Outputs	: Petal Open Pyro : Cable Cutter Pyro : Pyro Jack : Submunition Ignitor Fire : Submunition Capacitor Charging : Motor Pyros