

DIVISION OF

AEROSPACE AND ADVANCED CONTROL

RELIABLE PARTNER IN THE EUROPEAN AVIATION SUPPLY CHAIN



ELECTRIC POWER DISTRIBUTION BOX



Electric power distribution box (EPDB), as a part of electrical power system (EPS), is a set of two distribution boxes intended for twin engine small aircrafts of CS23 category with 28VDC dual-channel electrical system with two batteries and two starter-generators. The main function is the reliable distribution of the electrical energy from airborne systems to airborne loads with respect to the pilot's requests, the equipment of the aircraft and flight phases. EPDB also provides monitoring and protection of the EPS. The EPDB device is controlled by the switches from the cockpit and is implemented in the EV-55 aircraft.