

Aviation Recorders

FLIGHT DATA ACQUISITION UNIT

PHYSICAL DIMENSIONS

Size:	ARINC 600 5MCU
Height:	7.64 in (19.4 cm)
Width:	6.19 in (15.7 cm)
Depth:	12.52 in (31.8 cm)
Weight:	7.5 lbs (3.4 kg)

CONNECTORS

Main Rear Connector:	ITT Cannon, 400 Pin ARINC 600, Size 2 RCPT BKAF2-400-40101SB
Mating Rear Connector:	ITT Cannon, 400 Pin ARINC 600, Size 2 Plug BKAE2-400-30001

ELECTRICAL CHARACTERISTICS

Input Power Requirements:	28V DC
Power Level:	25W maximum

ENVIRONMENT CHARACTERISTICS

Temperature:	Operating: -55° to 70°C Non-operating: -55° to +85°C
Humidity:	0% to 95% relative
Altitude:	Operating: -1000 to 55,000 ft

DATA INPUT

Digital:	ARINC 429/717, MIL-STD-1553
Analog:	Potentiometer, synchro, RVDT, LVDT, AC ratio and strain gauge
Discrete:	Series and shunt (28VDC)

DATA OUTPUT

Common Standard Output:	ARINC 717/573
-------------------------	---------------

MOUNTING TRAY

Type:	ARINC 600 5MCU
-------	----------------



Back View



Side View

CERTIFICATION

FAA CFR 14, Part 125.225

REGULATORY SPECIFICATIONS

ARINC 600, RTCA/D0-160E, RTCA/D0-178B

L-3 Aviation Recorders Quality Management System is ISO 9001:2000 and AS9100:2004 Rev. B Certified

Aviation Recorders

100 Cattlemen Road
Sarasota, Florida 34232 U.S.A.
Tel: 941-371-0811 Fax: 941-377-5591
Website: www.L-3ar.com/
Documents: www.L-3ar.net/



communications

Aviation Recorders

L-3. Headquartered in New York City, L-3 Communications is a prime contractor in aircraft modernization and maintenance, C³ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, subsystems and systems.

This technical data and software is considered as Technology Software Publicly Available (TSPA) as defined in Export Administration Regulations (EAR) Part 734.7-11.

Data contained within this document are summary in nature and subject to change any time at L-3's discretion. Call for latest revision.

All brand names and product names referenced are trademarks, registered trademarks, or trade names of their respective holders. MKT061 Rev. * - 3/10