

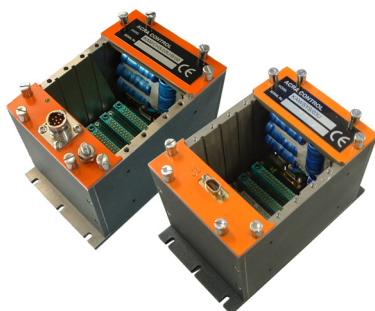


# ACRA KAM-500

C O N T R O L

# CHS/03U

KAM-500 chassis with 3 user-slots



## FEATURES

- Power supply unit and three user-slots
- 18 to 40VDC isolated power supply
- Rugged aluminum housing
- 8MHz x 16-bit digital backplane
- Operates as MASTER or SLAVE in distributed system
- LED power-on indicator

## APPLICATIONS

- Flight test instrumentation systems for limited spaces

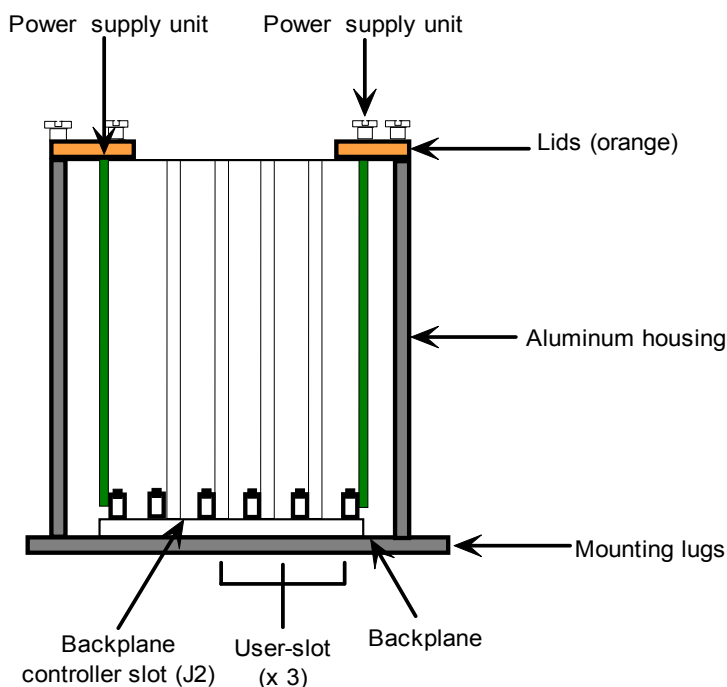
## DESCRIPTION

The CHS/03U is a compact three user-slot KAM-500 chassis, which along with the housing and backplane, includes a power supply module which regulates power supplies to the backplane (isolated 28V nominal in).

The backplane has three connectors for user-modules, which are polarized to prevent the insertion of the backplane controller module. The backplane distributes power and connects address, data and control lines to the user-modules.

The only ICs on the backplane are demultiplexers for user-module select signal. Any user-module can be placed in any user-slot in any combination.

2.0A is available for bridge excitation.



CHS/03U with PSU and three user-slots

## Selection guide and ordering information

### Selection Paths

Airborne Data Acquisition → KAM-500 → Chassis

### Ordering Information

Part Number	Mating Connector	Description
KAM/CHS/03U/D	CON/PSU/007/FL/100	KAM-500 chassis with 3 user-slots and PSU/012 with 6-way bayonet connector and LED
KAM/CHS/03U/D/MM	ACC/ASY/007/04	KAM-500 chassis with 3 user-slots and PSU/011 with 9-way micro-miniature connector

### Revision History

Revision	Differences	Status
CHS/03U/D	Includes PSU/012, 6-way bayonet connector, and supplies up to 4A on +5V power line	Recommended for new programs
CHS/03U/D/MM	Includes PSU/011, 9-way micro-miniature connector, and supplies up to 4A on +5V power line	Recommended for new programs
CHS/03U/C	Includes PSU/010 with diode for power-up	Not recommended for new programs
CHS/03U/C/MM	Includes PSU/009 with diode for power-up	Not recommended for new programs
CHS/03U/B	Includes PSU/007	Not recommended for new programs
CHS/03U	First release	Not recommended for new programs

### Related Products

Product	Details
CHS/04L	KAM-500 chassis with 4 user-slots, 'narrow' chassis form factor
CHS/06U	KAM-500 chassis with 6 user-slots
CHS/09U	KAM-500 chassis with 9 user-slots
CHS/12R	KAM-500 chassis with 12 user-slots, 'circular' form factor
CHS/13U	KAM-500 chassis with 13 user-slots
KSM-500	This module is supported by the KSM-500 suite of software tools
ACM/LID/001	For any unused user-slots a spare lid piece must be ordered separately
ACC/HSK/001/03U	Optional heat sink for the KAM-500 system

### Related Documentation

Document	Details
DOC/DBK/001	KAM-500 Databook
DOC/MAN/018	KSM-500 Databook
DOC/HBK/002	Environmental Qualification Handbook
TEC/NOT/016	Power dissipation - a worked example