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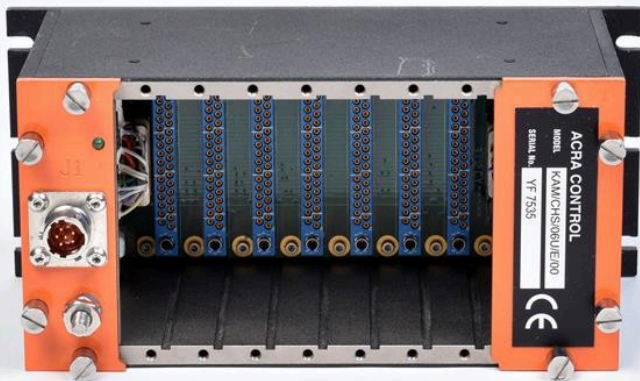
Data Sheet

August 15, 2026

CURTISS-WRIGHT / ACRA CONTROL

Curtiss-Wright / ACRA Control KAM/CHS/06U/E/00 6 User-Slots KAM-500 Chassis

The Curtiss-Wright/ACRA Control KAM/CHS/06U/E/00 is a 6-user slot KAM-500 chassis that provides a modular platform for data acquisition and control in demanding aerospace and defense applications. Built around an 8 MHz × 16-bit digital backplane, this system accepts any combination of user modules in polarized slots to prevent incorrect insertion. The chassis includes an integrated power supply, backplane controller, and operates as either master or slave in distributed system architectures. Mass (unpopulated): 1.0–1.4 kg; (fully populated): 1.5–1.9 kg (typical module: 75 g) Aumictech offers NIST-traceable calibration and repair for the Curtiss-Wright / ACRA Control KAM/CHS/06U/E/00. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Curtiss-Wright / ACRA Control KAM/CHS/06U/E/00 is list



MODEL

**Curtiss-Wright /
ACRA Control
KAM/CHS/06U/E/00**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

KAM/CHS/06U/E/00

LISTING

<https://aumictechlabs.com/products/kam-chs-06u-e-00-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Curtiss-Wright/ACRA Control KAM/CHS/06U/E/00 is a 6-user slot KAM-500 chassis that provides a modular platform for data acquisition and control in demanding aerospace and defense applications. Built around an 8 MHz $\times$ 16-bit digital backplane, this system accepts any combination of user modules in polarized slots to prevent incorrect insertion. The chassis includes an integrated power supply, backplane controller, and operates as either master or slave in distributed system architectures. Technical Specifications Model: KAM/CHS/06U/E/00 (KAM-500 Series) User Slots: 6 with polarized connectors Backplane: 8 MHz $\times$ 16-bit digital interconnect Power Supply (Integrated): 18–40 VDC input (isolated), nominal 28V (isolated) Bridge Excitation: 2.0 A available Internal Rails: +12V and –12V (current dependent on internal loading) Operating Temperature: –40 °C to +85 °C (chassis base/side plate) Storage Temperature: –55 °C to +125 °C Environmental Qualification: MIL-STD-810, MIL-STD-461, DO-160 Physical Characteristics Housing: Rugged aluminum Dimensions: 98.5 mm H $\times$ 182 mm L $\times$ 80 mm W Mass (unpopulated): 1.0–1.4 kg; (fully populated): 1.5–1.9 kg (typical module: 75 g) Key Features Modular architecture with six user-configurable slots Accepts any user module in any slot combination Isolated 28V nominal supply with wide input range (18–40 VDC) Dual backplane voltage rails for flexible module requirements MIL-qualified environmental and EMC performance Compact form factor with integral power regulation Compatibility & Integration The KAM/CHS/06U/E/00 integrates into distributed systems as a standalone master or slave node. Polarized module connectors ensure proper insertion. The backplane distributes power, address, data, and control signals to all six user slots simultaneously, enabling parallel module operation.

KAMCHS06UE00 Characteristics / Specifications

PARAMETER	VALUE
Model	KAM/CHS/06U/E/00
Instrument Type	KAM-500 data acquisition chassis
User Slots	6
Housing	rugged aluminum
Input Voltage	18 to 40 VDC isolated
Nominal Input	28 VDC
Backplane	8 MHz x 16-bit digital
Bridge Excitation	2.0 A available
Backplane Ics	demultiplexers for user-module select only
Slot Polarization	prevents insertion of the backplane controller in a user slot
Distributed Mode	master or slave in a distributed system
Power Led	power-on indicator
Family	Acra KAM-500
Related Thirteen Slot	KAM/CHS/13U thirteen user slots
Related Controller	KAD/BCU/105 Ethernet backplane controller
Manufacturer	Curtiss-Wright / ACRA Control
Application Class	flight test instrumentation DAU
Module Mix	any user-module in any user-slot in any combination
Power Module	included PSU regulates backplane rails
Product Category	data acquisition chassis
Sibling 13U Rev E	KAM/CHS/13U/E raises plus 5 V to 5 A
Conformal Variant	KAM/CHS/06U/E/00 is the E-revision 00 product code
Type Class	AE-FTI-DAU

KAMCHS06UE00 Specifications

PARAMETER	VALUE
Applications	Compact flight-test KAM-500 data acquisition with six user modules.
Six polarized user slots plus PSU	18 to 40 VDC isolated 28 V nominal
Technical Specifications	Model: KAM/CHS/06U/E/00

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Type Class	AE-FTI-DAU
Notes	
From Curtiss-Wright/ACRA KAM/CHS/06U product literature (six user slots, 18-40 VDC, 8 MHz x 16-bit, 2.0 A excitation). Confirm E-revision PSU current on the installed chassis.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.