

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

DBK32A

Auxiliary Power Supply Card

MEASUREMENT COMPUTING

Features

- **Provide auxiliary power for expanding IOtech's data acquisition systems**
- **Install into a DBK10, DBK41, or DBK60 expansion enclosure**

The DBK32A provides auxiliary power to meet certain configurations (see calculating your power needs). The DBK32A provides IOtech's data acquisition systems with additional power (±15 VDC at 500 mA) in system configurations where the number of expansion cards exceeds the built-in power capacity.

The DBK32A can be installed directly into a DBK10, DBK41, or DBK60 expansion enclosure. Each is compatible with all DBK cards and is powered via an included AC adapter, a DBK30A battery/excitation module, a DBK34A battery/UPS module, or any 9 to 18 VDC source.

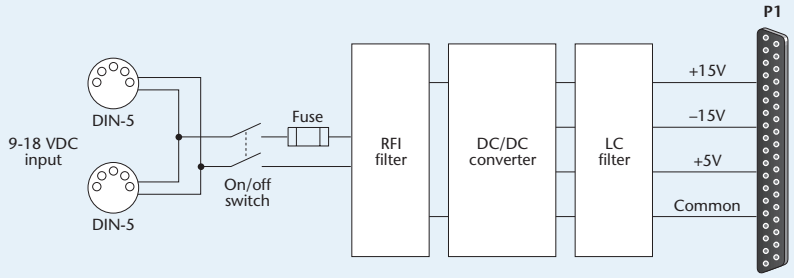


The DBK32A provides additional power for LogBook and Daq systems when the power expansion needs exceed the built-in capacity of the mainframe

Specifications

Line Regulation: 0.5%
Load Regulation: 1.0%
Total Output Power: 16 VA full load
Input Voltage Range: 9 to 18 VDC
Included AC Adapter: 15 VDC @ 3.33A
Full Load Input Current Range: 1.05A @ 18 VDC, 2.10A @ 9 VDC
Full Load Efficiency: 80%
Parallel Provision: OR-ing diodes on output lines allow use of multiple DBK32A's in larger systems
Controls: ON/OFF rocker arm switch
Indicators: LED driven by input voltage
Over-Voltage Protection: Fuse followed by 19V zener clamp
Switching Frequency: 100 kHz min
Environment: -20 to 70 °C
Input Fuse: 3A
Dimensions: 209 mm W x 19 mm D x 82 mm H (8.25" x 0.75" x 3.25")
Connector: DB37 male, mates with P1 and supplies power to other DBK cards; input power accepted via DIN5
Isolation Input-to-Output: 500 VDC
Output Voltages:
+15 VDC nominal @ 535 mA
-15 VDC nominal @ 535 mA

Auxiliary Power Supply Card Block Diagram



Ordering Information

Description	Part No.
Auxiliary power supply card with AC adapter	DBK32A

Cables

5-pin male DIN to 5-pin male DIN, 6 in. CA-115
For use with DBK10, use CA-37-x ribbon cable, or contact factory of additional cabling options
For use with DBK60 or LogBook/360, no cable is required (except from DBK60 or LogBook/360 to the A/D mainframe)
For use with no enclosure, use CA-37-x where x is the number of DBK devices attached
For use with DaqLab Series (internal slots), use CA-255-2T with one board, or CA-37-2 for use with two DBK cards (or contact factory for additional cabling options)

Product Compatibility

✔ LogBook
✔ DaqBook

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP