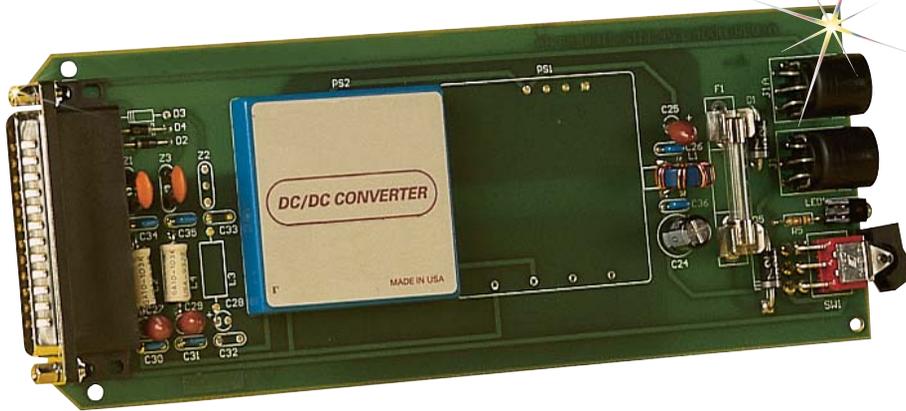


OMB-DBK32A

Auxiliary Power Supply Card for OMB-LOGBOOK and OMB-DAQBOARD-2000 Series

Model OMB-DBK32A

\$649



The OMB-DBK32A, \$649, shown smaller than actual size, provides additional power for OMB-LOGBOOK and OMB-DAQBOARD-2000 Series data acquisition systems

- ✓ Provides Auxiliary Power to Expand OMB-LOGBOOK and OMB-DAQBOARD-2000 Series Data Acquisition Systems
- ✓ Installs into an OMB-DBK10 or OMB-DBK41 Expansion Enclosure

The OMB-DBK32A provides OMEGA's OMB-LOGBOOK and OMB-DAQBOARD-2000 Series data acquisition systems with additional power (± 15 Vdc at 500 mA) in system configurations where the number of expansion cards exceeds the OMB-DAQBOARD-2000 Series standard power capacity. When auxiliary power is required, the OMB-DBK32A is the preferred choice in nearly all OMB-LOGBOOK and OMB-DAQBOARD-2000 Series applications.

The OMB-DBK32A can be installed directly into an OMB-DBK10 or OMB-DBK41 expansion enclosure. The OMB-DBK32A is compatible with all OMB-DBK cards and is powered via an included AC adaptor, an OMB-DBK30A battery/excitation module, or any 9 to 18 Vdc source.

Specifications

Connector: DB37 male, mates with P1 and supplies power to other OMB-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

Line Regulation: 0.5%

Load Regulation: 1.0%

Total Output Power: 16 VA

Input Voltage Range:

0.9 to 18.0 Vdc

Included AC Adaptor:

15 Vdc @ 0.9 A

Full Load Input Current Range:

1.05 A @ 18 Vdc, 2.10 A @ 9 Vdc

Full Load Efficiency: 81%

Parallel Provision: OR-ing diodes on output lines allow use of multiple OMB-DBK32A's in larger systems

Controls: ON/OFF rocker arm switch

Indicators: LED driven by input voltage

Over-Voltage Protection: Fuse followed by 19 V zener clamp

Switching Frequency: 100 kHz min

Environment: -20 to 70°C

Input Fuse: 3A

Dimensions: 82 x 209 x 19 mm
(3.25 x 8.25 x 0.75")

Cables:

Use OMB-CA-37-x cable with OMB-LOGBOOK and OMB-DAQBOARD-2000 Series

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model Number	Price	Description
OMB-DBK32A	\$649	Auxiliary Power Supply Card

Ordering Example: OMB-DBK32A is an auxiliary power supply card, \$649.

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