



DBK213™

Screw-Terminal & Expansion Card Module



NEW

Compatibility: ✓ LogBook ✓ DaqBook ✓ DaqLab ✓ DaqScan ✓ DaqBoard/2000 Series

Features

- Provides screw-terminal connections for analog, digital, and counter signals
- Includes P1, P2, P3, and P4 connectors
- Accommodates any three analog or digital DBK cards

The **DBK213™** screw-terminal and expansion module provides screw-terminal access plus expansion slots for DaqBook/2000™ series, DaqBoard/2000™ series, DaqLab/2000™ series, DaqScan/2000™ series, and LogBook/300™ series products. The top of the DBK213 is easily removed to reveal screw-terminal connections that provide access to all analog and digital I/O from the host data acquisition module. Also included with the DBK213 are three expansion slots that can accommodate any DBK analog or digital expansion and signal conditioning cards.

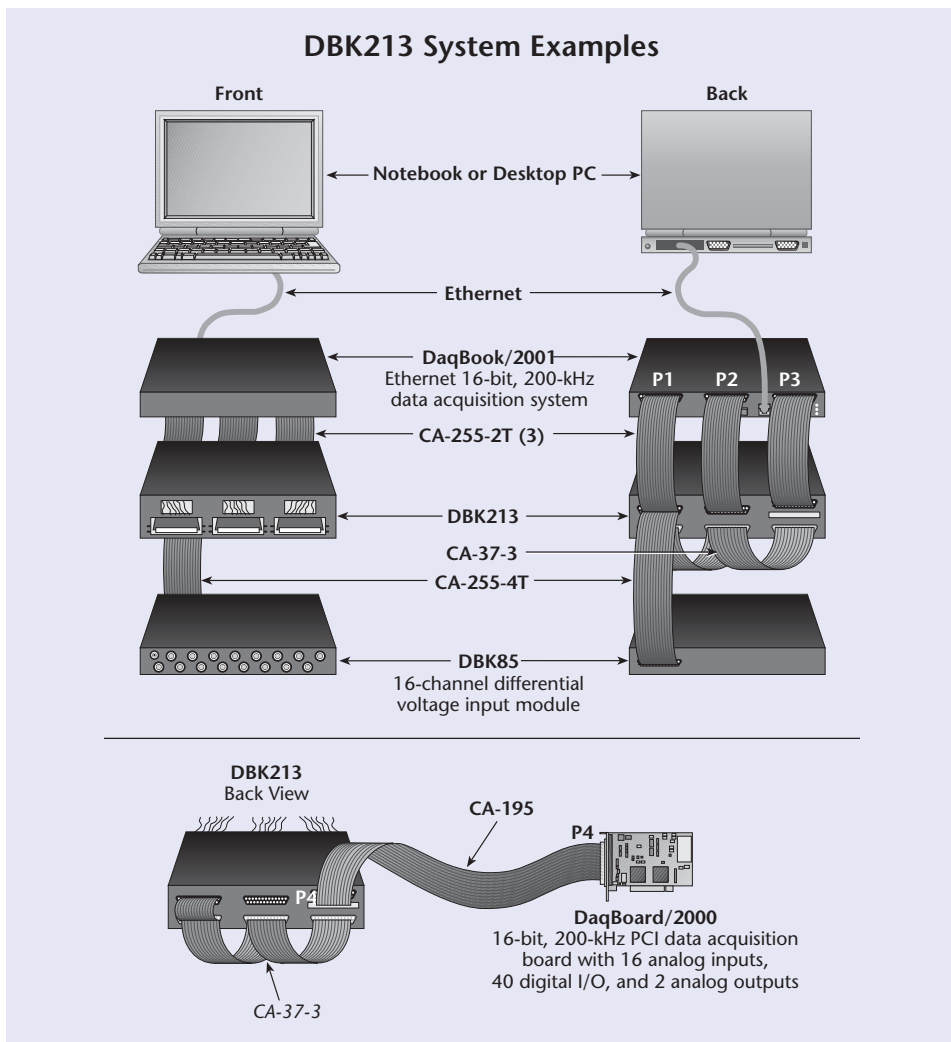


The **DBK213** provides screw-terminal signal connections and three DBK expansion and signal conditioning card slots (cards shown are not included)

The front of the **DBK213** contains slots through which all of the signal I/O wires from the screw terminals can be routed. The rear of the DBK213 contains P1, P2, P3, and P4 connectors to connect the screw-terminal board to the data acquisition host.

When used with DaqBoard/2000 series boards, only a single CA-195 cable is required from the DaqBoard to the **DBK213** to provide access to all 100 signals of the DaqBoard via the DBK213's 100 screw-terminal connections. In addition, P1 and P2 connectors on the DBK213 provide easy connection to DBK expansion cards installed into any of the 3 expansion slots, or to an external DBK expansion module (see diagram). The DBK213/DaqBoard combination can be ordered as a system including cable and DaqView™ software (see Starter Kit Plus p. 24).

When used with other Daq or LogBook products, the **DBK213** attaches to the P1, P2, and P3 connectors on the data acquisition host using a separate CA-255 cable for each port.



7 DBK Signal Conditioning Options



DBK213™

Specifications & Ordering Information

Specifications

Cable (optional): CA-195, CA-37-X, or CA-255-X

Operating Environment

Temperature: -30°C to 70°C

Relative Humidity: 95% RH, non-condensing

Connectors

P4: 100-pin connector provides for connection to DaqBoard/2000 series P4 connector via a CA-195 cable

P1: One P1 (DB37) connector provides for analog expansion or DaqBook/2000 series, DaqLab/2000 series, DaqScan/2000 series, and LogBook/300 series connection

P2: One P2 (DB37) connector provides for digital expansion or DaqBook/2000 series, DaqLab/2000 series, DaqScan/2000 series, and LogBook/300 series connection

P3: One P3 (DB37) connector provides for counter and analog output connection or DaqBook/2000 series, DaqLab/2000 series, DaqScan/2000 series and LogBook/300 series connection

Screw Terminals: 12 banks of 10 connector blocks

Dimensions: 285 mm W x 220 mm D x 45 mm H; (11" x 8.5" x 2.7")

Weight: 1.45 kg (3.2 lbs)



DBK213 shown with cover removed, providing access to all screw terminals

Ordering Information

Description

Screw-terminal and expansion card module for DaqBook/2000 series, DaqBoard/2000 series, DaqLab/2000 series, DaqScan/2000 series, and LogBook/300 series; accommodates up to three DBK signal conditioning and expansion cards

Part No.

DBK213

Accessories

Rack-mount kit

RackDBK4

Cables

100-conductor expansion cable, mates with P4 on the DaqBoard/2000 series

3 ft. expansion cable

6 ft. expansion cable

CA-195

CA-195-6

CA-209

Same as CA-195 with CE compliance; 3 ft.

Shielded T cable for use with LogBook, DaqBook, DaqLab, DaqScan, and DaqBoard; 2 in.

CA-255-2T

Shielded T cable for use with LogBook, DaqBook, DaqLab, DaqScan, and DaqBoard; 4 in.

CA-255-4T

Ribbon cable for use with LogBook, DaqBook, DaqLab, DaqScan, and DaqBoard

CA-37-x



Rear view of DBK213 showing all connections to the A/D host via P1, P2, P3, and P4