



***SLC*[®] Series 5 Carrier System**

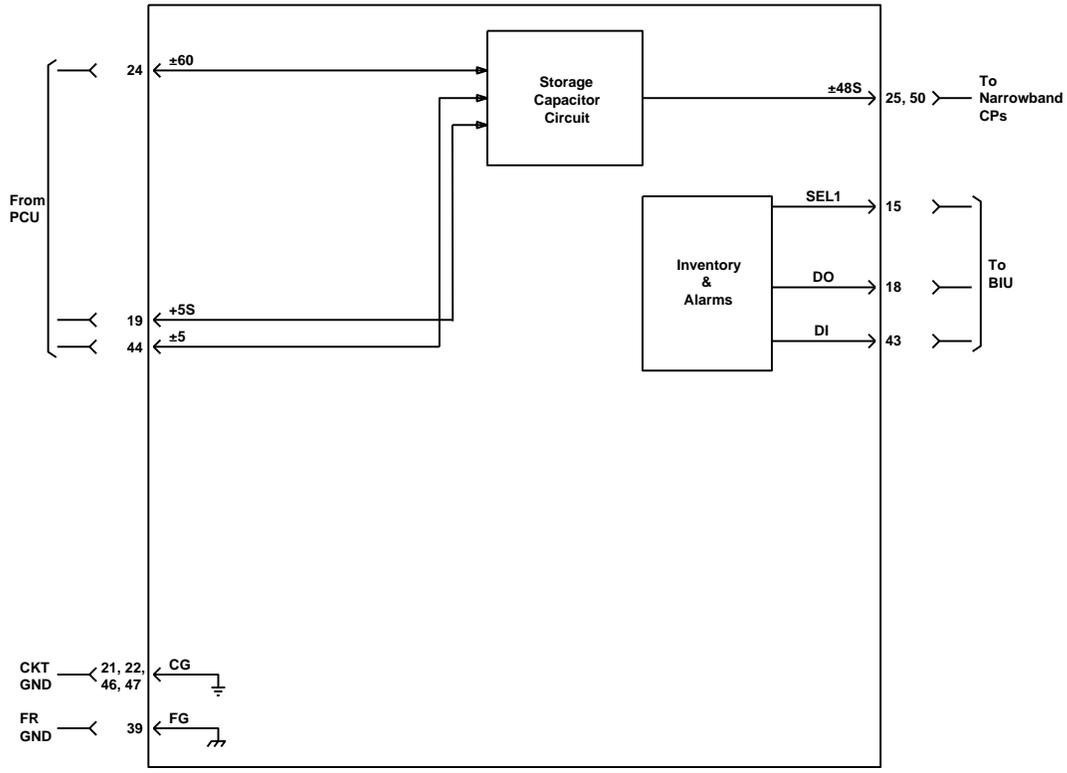
AUA416 Power Interface Unit — 5SPQAAZ

This data sheet describes the AUA416 power interface unit (PIU) (COMCODE 106358161) and is intended for the end-user of the unit. The AUA416 PIU is designed to be used in a *SLC*[®]-2000 multi-services distant terminal (MSDT) in conjunction with the AUA417 power converter unit (PCU) to provide power to the narrowband electronics in the MSDT. The AUA416 PIU is required at the MSDT to support the -130 V DC network powering option.

This data sheet is reissued to change the functional description of the AUA416 PIU.

Figure 1 is a functional block diagram of the unit, and Figure 2 shows the faceplate.

The AUA416 PIU receives -60 V from the PCU, regulates the voltage level to approximately -43.5 V DC, and supplies it to the narrowband electronics in the MSDT. When transient loads cause the output voltage to drop below -43 V DC, the storage capacitor circuit provides enough power to the -48S leads to maintain the -43.5 V DC level.



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Figure 1. AUA416 PIU Block Diagram

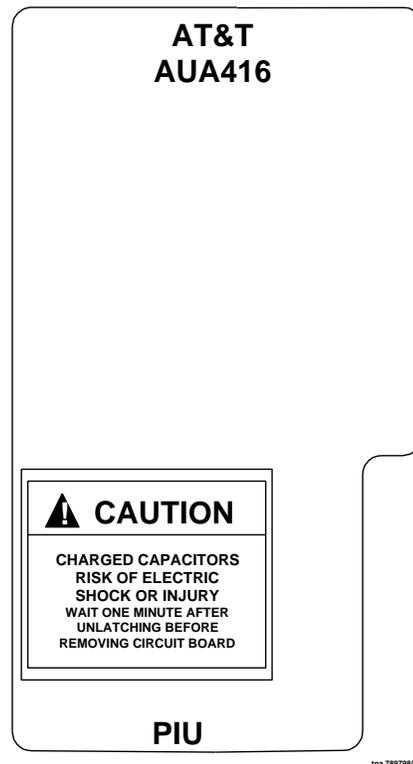


Figure 2. AUA416 PIU Faceplate

Follow local procedures for obtaining technical assistance. AT&T also provides in-hours or emergency out-of-hours help for the SLC Series 5 Carrier System. Call the AT&T Regional Technical Assistance Center at **1-800-225-RTAC**.

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