1.0 Scope

Programmable Logic Control (PLC) devices require specific voltage ranges to assure stable operation. This note provides guidelines for acceptable voltage ranges

2.0 Recommended Voltages

This following table lists preferred and acceptable ranges for select PLC devices. If power supply is adjustable, adjust to Preferred Voltage or slightly above Preferred Voltage. If power supply is not adjustable (PS5), verify the output voltage is within range. If not, replace power supply.

Table 2.1 Power Requirements		
Device	**Preferred Voltage**	**Acceptable Range**
PAC-S1	24 Vdc	8-24 Vdc (1.24 A to 0.42 A)
LCM4 Controller	5.1 Vdc	5.1 to 5.2 Vdc at 2.0 A max
G432LC	5 Vdc	4.9 to 5.1 Vdc @ 2A
G432LCSX Classic Controller	5 Vdc	4.9 to 5.1 Vdc @ 2A
PAC-SB1	5.1 Vdc	5.0-5.2 Vdc @ 750 mA
B3000-B Brain	5.1 Vdc	5.1 to 5.2 Vdc at 750 mA max
B3000 Brain	5.1 Vdc	5.0 to 5.1 Vdc at 1.0 A max
G4D16R Brick	24 Vdc	23.9 to 24.1 Vdc @ 250 mA
G4A8R	24 Vdc	23.9 to 24.1 Vdc @ 180 mA
G4D32R	24 Vdc	23.5 to 24.5 Vdc @ 220 mA
G4D16R Brick	24 Vdc	23.9 to 24.1 Vdc @ 250 mA