

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.

Device	Preferred Voltage	Acceptable Range
LCM4 Controller	5.1 Vdc	5.1 to 5.2 Vdc at 2.0 A max
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