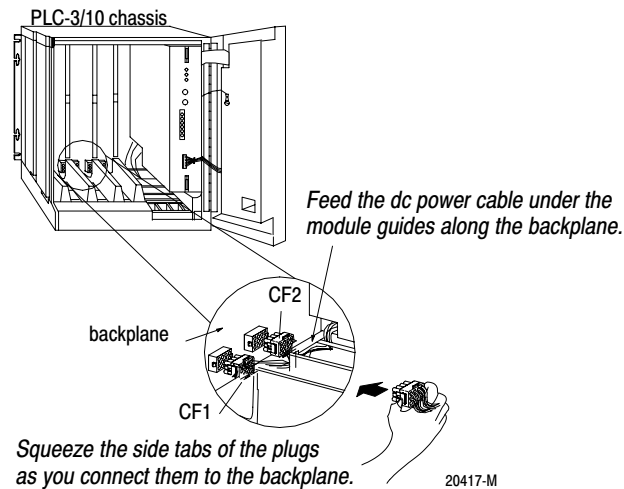


Install Power Supply

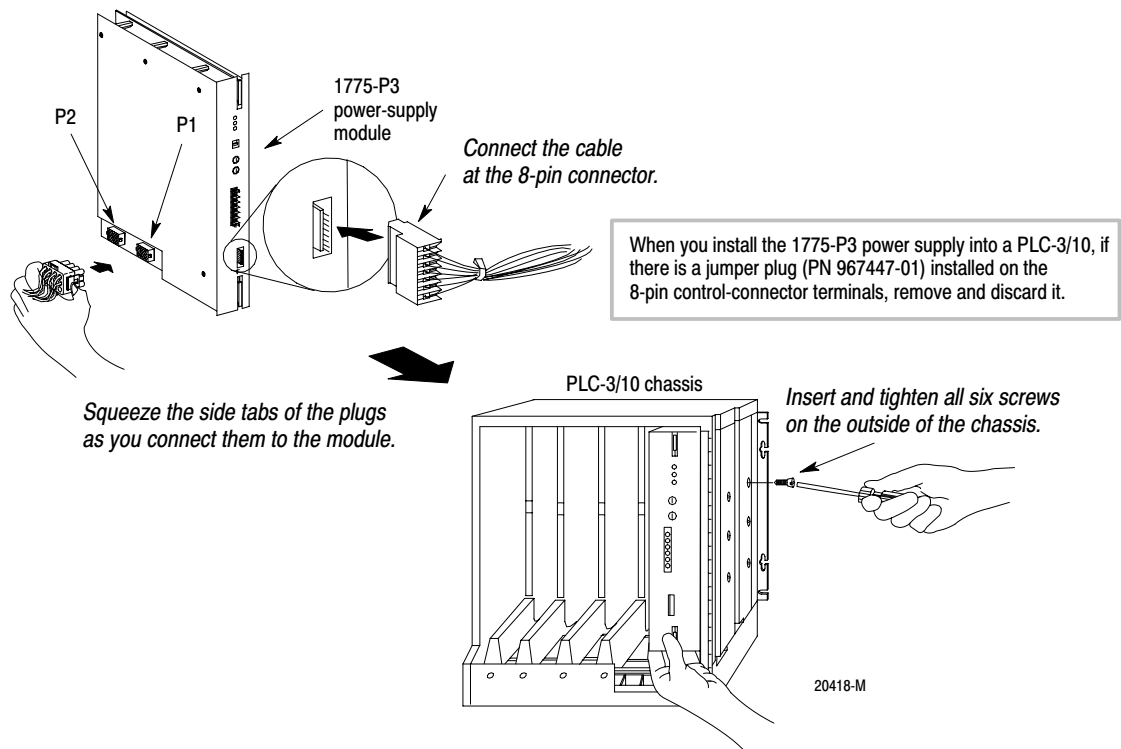
Install 1775-P3 Power Supply into the PLC-3/10 (or single-chassis PLC-3)

a *Install the dc power cable.*

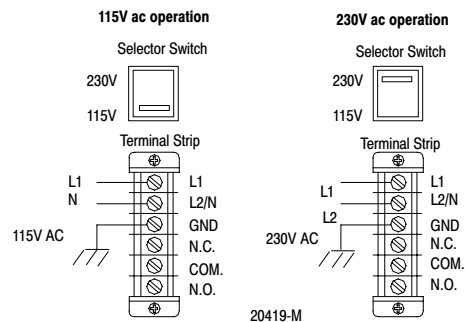


b

Plug the cable assembly into the connectors on the power-supply module, connect the 8-pin control connector cable to the power-supply module, and insert the power-supply module in the right-most slot of the chassis.



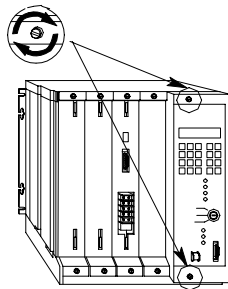
C Set the voltage switch for the proper range.



ATTENTION: Be sure to set the voltage selection switch properly or you may damage the power-supply module.

d Connect the ac power line to the terminal strip on the power-supply module and connect any relay wires, then insert the PLC-3/10 module(s) into the chassis and turn the ac power on.

e Close the front door of the chassis and rotate the two retaining screws approximately 2-1/2 turns counter-clockwise.



f Turn on dc power and make sure the indicators on the power-supply module are lit as follows:

Indicator	Normal Operation	Means
AC ON	red	ac power is supplied to the unit
AC OK	green	ac line voltage is equal to or greater than the required minimum ac voltage
DC OK	green	the supply's internal dc voltages are in their proper operating range

If you don't see this, refer to chapter 8 for troubleshooting information.

Specifications for PLC-3/10 processors follow.

PLC-3/10 System Dimensions 19 by 20 by 14.5" (483by508 by 368 mm) mainframe and power supply Mounting - Panel or 19 inch rack mount I/O Capacity (per system) 2048 inputs and outputs (total, any mix) 2048 inputs and 2048 outputs (total, complementary) 2 scanners (max) Scan Time (nominal) 1 ms per 1K words of relay-type instructions 2.5ms per 1K words (typical) Memory 16, 32, 64 or 128K of Error Detecting and Correcting (EDC) (128K maximum) 16 bits per word Data Table Size - Expandable (limited only by available memory) Environmental Conditions - Operational Temperature: 32 to 140°F (0 to 60°C) - Storage Temperature: -40 to 185° F (-40 to 85° C) - Relative Humidity: 5 to 95% (without condensation)	1775-P3 Power Supply Input Voltage 115V AC 230V AC Input Voltage Range 115V AC: 97 to 132V AC 230V AC: 194 to 264V AC Input Current 115V AC: 3.0A @ 97V AC 230V AC: 1.5A @ 194V AC Frequency Range 47 to 63Hz Output Voltage @ Rated Current +5V DC: 28A ± 16V DC: 1A (total) Overcurrent Shutdown Limit 125% of rated current Input Power 210W(nom) Fuses (2) 5A, 250 Volt, Slow Blow Power Interlock Relay Contacts Rating 1A maximum, 250V maximum Terminal Strip Wire Size 14AWG (max.) External Transformer Rating (if used) 1000VA maximum (1 kVA)
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