

ALLEN-BRADLEY CONTROLLOGIX

1756-L83EP

5580 Process Controller

01

BEFORE INSTALLATION

- Confirm catalog number 1756-L83EP, controller series and approved firmware.
- Use a supported ControlLogix chassis and power supply with sufficient backplane capacity.
- Remove chassis power before inserting or removing the controller.
- Back up the Studio 5000 project, controller tags and PlantPAx configuration.

SAFETY NOTE

Follow current Rockwell Automation instructions, applicable electrical codes, enclosure requirements and site safety procedures. Installation and replacement must be performed by qualified personnel.

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MOUNTING AND CONNECTION

- Install the controller fully into one approved ControlLogix chassis slot.
- Insert and retain the mode-switch key according to the controlled procedure.
- Install the approved Secure Digital card with power removed.
- Connect the embedded Ethernet port with documented industrial Ethernet cabling.

SAFETY NOTE

Follow current Rockwell Automation instructions, applicable electrical codes, enclosure requirements and site safety procedures. Installation and replacement must be performed by qualified personnel.

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COMMISSIONING CHECKS

- Restore power and confirm controller, Ethernet and status-display indications.
- Set the approved IP address and verify EtherNet/IP communication paths.
- Load the validated controller project and confirm process-task execution.
- Test redundancy, alarms, data-server delivery and control loops where configured.

04

CONTROLLED INSTALLATION NOTE

Follow current Rockwell Automation instructions, applicable electrical codes, enclosure requirements and site safety procedures. Installation and replacement must be performed by qualified personnel.