

ALLEN-BRADLEY CONTROLLOGIX

# 1756-L81EP

5580 Process Controller

01

## BEFORE INSTALLATION

- Confirm catalog number 1756-L81EP, 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.

ALLEN-BRADLEY CONTROLLOGIX

# 1756-L81EP

5580 Process Controller

02

## 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.

ALLEN-BRADLEY CONTROLLOGIX

# 1756-L81EP

5580 Process Controller

03

## 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.