

ALLEN-BRADLEY CONTROLLOGIX

1756-L905TS

5590 Safety Controller

01

BEFORE INSTALLATION

- Confirm catalog number 1756-L905TS, controller series and approved safety 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 validated Studio 5000 safety project and safety signature.

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-L905TS

5590 Safety 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-L905TS

5590 Safety Controller

03

COMMISSIONING CHECKS

- Restore power and confirm controller, safety and network status indications.
- Set the approved IP address and verify both EtherNet/IP communication ports.
- Load the validated standard and safety project and verify the safety signature.
- Complete the documented safety validation and proof tests before operation.

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.