

ALLEN-BRADLEY CONTROLLOGIX

1756-EN4TR

EtherNet/IP Communication Module

01

BEFORE INSTALLATION

- Confirm the complete 1756-EN4TR catalog number, module revision and approved firmware.
- Remove chassis power before inserting or removing the communication module.
- Verify the ControlLogix chassis series and available 5.1 V DC backplane capacity.
- Record the existing IP address, network topology, security and redundancy settings.

SAFETY NOTE

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

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INSTALLATION AND NETWORK CONNECTION

- Install the module in one approved ControlLogix chassis slot and secure it fully.
- Use documented Category 5e or better Ethernet cabling at the two RJ45 ports.
- Set the network address by the approved rotary-switch or software method.
- Configure linear, star, DLR or PRP operation only as supported by the system design.

SAFETY NOTE

Follow the current Rockwell Automation installation 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 verify module, network and port status indications.
- Confirm the correct module profile, electronic keying and connection limits in Studio 5000.
- Test controller communications, I/O messaging and redundant paths where configured.
- Apply the approved CIP Security policy before returning the equipment to service.

04

CONTROLLED INSTALLATION NOTE

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