

ALLEN-BRADLEY CONTROLLOGIX NETWORK MODULES

Product Data Sheet

1756-EN2T

ControlLogix EtherNet/IP bridge module

FUNCTION	FAMILY	ORIGIN	WEIGHT
ControlLogix EtherNet/IP bridge module	Allen-Bradley ControlLogix network modules	United States	0.23 kg

Allen-Bradley ControlLogix 1756-EN2T is a ControlLogix EtherNet/IP bridge module for the Allen-Bradley ControlLogix network modules. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	1756-EN2T
Product Class	Controllogix Ethernet/Ip Bridge Module
Product Family	Allen-Bradley ControlLogix network modules
Ethernet Ports	1 RJ45
Network Rate	10/100 Mbit/s
Protocol	EtherNet/IP
CIP Connections	128 TCP connections
Integrated Switch	Single-port bridge
Backplane Current at 5.1 V	1 A
Power Dissipation	5.1 W

ADDITIONAL PRODUCT DATA

Isolation Voltage	30 V continuous
USB Port	1 USB programming port
Controller Platform	ControlLogix 1756

OFFICIAL APPLICATIONS

- Supervise recipe-server exchange during recipe download: Within the batch controllers, HMIs and recipe servers, 1756-EN2T operates in its approved product-family role as a ControlLogix EtherNet/IP brid module. During recipe download, the system uses this function to deliver the approved recipe data to the production cell, helping it start the batch with the intended process parameters.
- Track distributed I/O networking with ControlLogix Ethernet: At the control layer of the remote I/O, analyzers and local controllers, 1756-EN2T performs its assigned control role as a ControlLogix EtherNet/IP brid module. During field-device reconnection, the system uses this function to restore cyclic input and output data to the controller, helping it return the measurement and command points to normal scan.
- Align sortation data exchange with ControlLogix Ethernet: Inside the barcode readers, diverters and order servers, 1756-EN2T operates in its approved product-family role as a ControlLogix EtherNet/IP brid module. During priority-order change, the system uses this function to deliver order routing data to the active sorter, helping it direct each item to the assigned destination.

SYSTEM COMPATIBILITY

Match 1756-EN2T to the installed Allen-Bradley ControlLogix network modules, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Allen-Bradley official product documentation and manufacturer catalog](#)

AMIKON PRODUCT SUPPORT

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