

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Allen-Bradley 1756-EN4TR
ControlLogix EtherNet/IP Communication Module

Allen-Bradley 1756-EN4TR is a dual-port ControlLogix EtherNet/IP communication module for high-capacity industrial network communication, resilient topologies and integrated motion applications.

01

OFFICIAL PRODUCT PARAMETERS

Model	1756-EN4TR
Manufacturer	Allen-Bradley
Product type	ControlLogix EtherNet/IP communication module
Ethernet ports	2 RJ45 Category 5e ports
Network speed	10/100 Mbps and 1 Gbps
TCP connections	512
I/O connections	1000
Messaging connections	528
Integrated motion	Up to 256 axes
Supported topology	Linear, star and Device Level Ring
Network redundancy	Parallel Redundancy Protocol
Security	CIP Security capable

02 POWER AND ENVIRONMENT

Backplane current	1.2 A at 5.1 V DC
Power dissipation	6.12 W
Thermal dissipation	20.9 BTU/hr
Slot width	1 ControlLogix chassis slot
Operating temperature	0 to 60 C in Series C chassis
Storage temperature	-40 to 85 C
Relative humidity	5 to 95%, noncondensing
PRP firmware	Revision 4.001 or later
Redundant-adapter firmware	Revision 3.x or later
Socket services	Supported

03 ENGINEERING NOTICE

Confirm the exact catalog number, chassis series, firmware compatibility, network topology, IP configuration, security policy and controller project before installation or replacement.