ControlLogix Communication Module

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Catalog #: 1756-CN2R

Lifecycle status: Active Mature

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Technotes

Electrical

With optical interface	False
Supporting protocol for TCP/IP	False
Supporting protocol for DeviceNet	False
Supporting protocol for other bus systems	True
Redundancy	True
IO link master	False
Supporting protocol for DeviceNet Safety	False
Supporting protocol for EtherNet/IP	False
Transmission rate	5000 kbps
Logix communication connections	128
Power dissipation	6.7 W
Thermal dissipation	22.9 btu/h
ControlNet port	2 ControlNet BNC
Enclosure type rating	None (open-style)
Number of nodes, max	99 nodes
Current draw	1300mA @ 5.1V DC, 3mA @ 24V DC
ControlNet cable	1786-RG6 quad shield RG6 coaxial cable
Wiring category	1 - on ControlNet ports, 3 - on USB ports
Connections supported, max	131 maximum
Isolation voltage	Standard: 30V (continuous), basic insulation type, ControlNet network to, backplane, Redundant: 30V (continuous), basic insulation type, ControlNet A/B to, backplane, and ControlNet A to ControlNet B, USB to backplane and USB to ControlNet, No isolation b
Supporting protocol for LON	False
Supporting protocol for ASI	False
Supporting protocol for PROFIBUS	False
Supporting protocol for CAN	False
Supporting protocol for INTERBUS	False

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Supporting protocol for KNX	False
Supporting protocol for Modbus	False
Supporting protocol for Data-Highway	False
Supporting protocol for SUCONET	False
With potential separation	False
Supporting protocol for SERCOS	False
Supporting protocol for INTERBUS-Safety	False
Radio standard Bluetooth	False
Radio standard Wi-Fi 802.11	False
Supporting protocol for AS-Interface Safety at Work	False
Supporting protocol for Foundation Fieldbus	False
Supporting protocol for PROFINET CBA	False
Supporting protocol for PROFINET IO	False
Supporting protocol for PROFIsafe	False
Supporting protocol for SafetyBUS p	False
Radio standard GPRS	False
Radio standard GSM	False
Radio standard UMTS	False
Slot width	1