



Catalog #: 1756-CN2R  
**ControlLogix Communication Module**

Lifecycle status: Active Mature

# Technical Specifications

## Electrical

|                                           |                                           |
|-------------------------------------------|-------------------------------------------|
| With optical interface                    | No                                        |
| Supporting protocol for TCP/IP            | No                                        |
| Supporting protocol for DeviceNet         | No                                        |
| Supporting protocol for other bus systems | Yes                                       |
| Redundancy                                | Yes                                       |
| IO link master                            | No                                        |
| Supporting protocol for DeviceNet Safety  | No                                        |
| Supporting protocol for EtherNet/IP       | No                                        |
| 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                              | 1300 mA @ 5.1V DC, 3 mA @ 24V DC          |
| ControlNet cable                          | 1786-RG6 quad shield RG6 coaxial cable    |
| Wiring category                           | 1 - on ControlNet ports, 3 - on USB ports |