Description

The CRI-200 Dual Card Reader Interface allows two card readers with standard Wiegand interfaces to be connected to a free topology LonWorks network. Card data received on the Wiegand interface is processed and made available to the LonWorks network. LonWorks messages received by the CRI can control the card reader LED and buzzer outputs. Each interface has two relay outputs that can be set to operate as either normally open (NO) or normally closed (NC) contacts. The CRI also has provisions for two supervised switch inputs. These I/O points can be monitored and controlled from the LonWorks network.

The CRI-200 is designed to fit in a standard Schroff Europac subrack (or equivalent).

Features

- 3.91 x 8.6” (100 x 220 mm) printed circuit board
- printed circuit board fits vertically into a standard Europac 3U rack
- can supply +24 Vdc, +12 Vdc or 5 Vdc to the card reader
- MTA-100 style connectors used for field connections
- FT-10 LonWorks compatible
- two relay outputs for each card reader that can be set for either NO or NC operation
- two supervised switch inputs for each card reader

Specifications

Physical Form Factor 3.91” x 8.66” printed circuit board (100 x 220 mm)

Environmental
- Operating Temperature 32 to 122 °F (0 to 50 °C)
- Storage Temperature -40 to 185 °F (-40 to 85 °C)
- Humidity 0 to 95 % non-condensing

Input Power +24 Vdc ± 15%

Power Connector MTA-158 (18 AWG)

Field Connections MTA-100 style connectors (22 AWG)

Relay Outputs NO or NC, 125 Vac 1A max, 30 Vdc 1A max

Switch Inputs supervised for open and short circuits 200 µA max

Standards FT-10 LonWorks
- FCC Part 15, UL, CSA
Ordering Information

Part number  CRI-200