



RD-20D

Remote
Diagnostics

RD-20D AFINITY Controller Card & Remote Diagnostic Center

FEATURES:

- ◆ Provides intelligent systems monitoring
- ◆ Collects data from plug-in cards
- ◆ Ethernet port for network connectivity
- ◆ RS232 Admin Port
- ◆ Web browser graphical rack display
- ◆ Updates panel information two times per second from entire rack
- ◆ User programmable alarm limits
- ◆ Primary and secondary alarm levels
- ◆ Windows client for direct RS232 connection with graphical display

Alarm Contacts:

Output Dry Contact
 Response Time 2 mS
 Max Voltage .. 42 VDC or Peak AC
 Max Current 0.5 A
 Connector Terminal Block

Temperature (Operating)

-40°C to +75°C, non-condensing

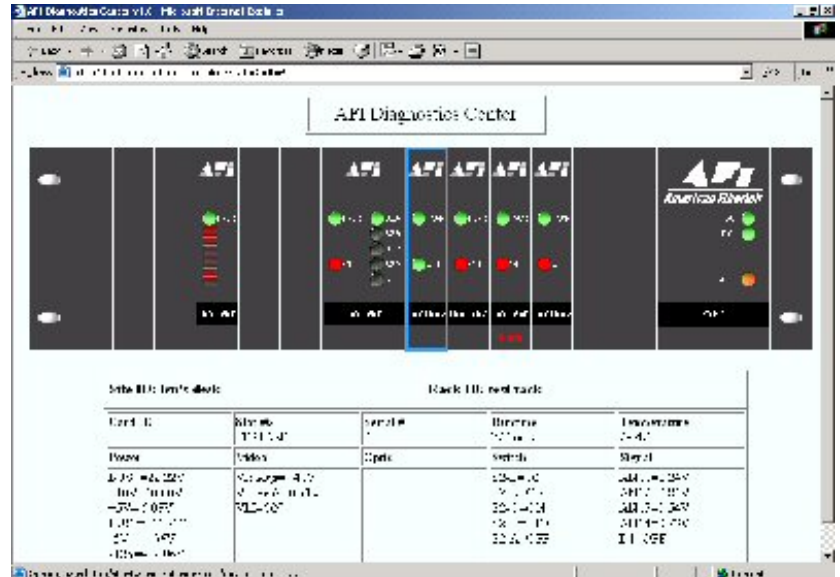
Size:

Rack Card requires 1 rack slot
6½" x5"x1"

Ordering Information:

RD-20D – Rack Card

Requires SR-20D/1 or SR-20D/2



The RD-20D is a remote diagnostic plug-in card for the SR-20D sub-rack frame. This module collects status information from compatible plug-in cards and presents all information for display on a web browser via an Ethernet port. Works with all web browsers with JavaScript support including MS IE, Firefox, Opera and Galleon.

An administration RS232 port is available on the card for programming various functions of the device. This would include all Ethernet parameters, user names and passwords, alarm limits and alarm contact output functions.

LED indicators on the front panel show status of the data collection SR-20D AFI network, Ethernet port, administration port, web server and alarm status.

Reported status includes card temperature, operating hours, unit model number, unit serial number, all power supply voltages, all LED indications such as Video Loss Indication, Optical Loss Indication, and Contact Status.

The SR-20D accommodates up to 13 slots for application cards, one slot for the RD-20D and one power supply, either PSR-1D or PSR-2D.