



DOUBLE D ELECTRONICS LTD

DDA263 NETWORKED DEICE CONTROLLER

- * 1U 19" rack mount
- * Automatic and manual modes
- * One or two temperature sensor inputs
- * Heater interface with optional tellback
- * RS-232/422/485 serial port for RC&M
- * 10/100Base T Network Interface
- * SNMP V1, V2c support
- * Networked serial port interface
- * Configurable via web browser
- * Single mains supply
- * Front panel status indications
- * Summary alarm output

This unit is a low-cost deice controller which includes remote monitoring and control via both serial and network interfaces. The network interface supports SNMP V1 and V2c, as well as a 'networked serial port' interface.

The deice section accepts a contact input from one or two temperature sensors. When low temperature is signalled, and is present for a configured time, the heater output is turned on. Similarly, the heater is turned off after the temperature is above limits for a configurable time. An optional input monitors heater tellback status.

The unit is a standard 1U high rack mount case, with a single mains supply. The front panel shows various status, and allows control of operating mode.

The unit has a wide range of communications options, based round the network port and the serial port. For network communications SNMP V1 and V2c are available, with a networked serial port also being supported.

The unit can also be accessed via a web browser; as well as showing status, various options may be configured in this way.

Ordering Information

DDA263-01 Deice controller, including network port, front panel, manual.

SPECIFICATION

- Physical: 1U high 19" rack, 260mm deep
- Power: 90-260V a.c. 47-63Hz single supply via IEC inlet
- Connectors: RJ-45 network connection
9-way D-socket (SA-Bus pinout) for serial interface
9-way D-socket for temperature sensor inputs
9-way D-plug for heater interface
9-way D-plug for summary alarm
- Network: 10/100 BaseT on standard RJ-45 connector.
Supports SNMP V1 and V2c, TCP/IP sockets, networked serial
- Serial: RS-232/422/485 4-wire. Support for SA-Bus and Printable ASCII protocols.
- Heater Interface: Form C contact 30V 0.5A for on/off control
Input for volt-free contact for heater status tellback
- Configuration: Number of temperature sensors
Polarity of temperature sensors
Heater on delay 0-500 seconds (after temperature low)
Heater off delay 0-500 seconds (after temperature normal)
Heater tellback enable/polarity
- Operating Modes: Manual - heater controlled via front panel, RC&M
Auto - heater controlled via temperature sensors