DOUBLE D ELECTRONICS LTD

DDA260-XX Multiple Serial to SNMP Converter with optional Input/Output Unit

* 3U 19" Rack
* Dual power supplies
* Up to 4 Serial to SNMP converters
* Optional DDA258 I/O unit incorporated
* Alarm for each converter
* PSU alarm output
* Configuration via web browser

The DDA260 is a general purpose unit for equipment which has only a serial interface, converting that to SNMP. It has a modular design, and can be supplied with from one to four separate converters. For applications requiring digital I/O, analog input and/or LNB power supplies, a DDA258 I/O module can be incorporated within the rack.

The basic chassis includes dual redundant power supplies for the Serial to SNMP converters, each with its own alarm. There are slots for up to four converters; these may be added in the field if required.

Each converter is configured using a web browser; including key parameters such as the equipment type being interfaced, serial port parameters, SNMP parameters, and other relevant settings.

A DDA258 may also be included within the rack; if present, it requires cross-connection to one of the converters.

SPECIFICATION

Physical: 3U 19" rack, 360mm deep (excluding connectors).

Power: 90-254V a.c., 48-62Hz, 120VA max. Redundant power feed (dual power supplies) via separate IEC mains inlets. If fitted, the DDA258 has a separate mains inlet (see data sheet).

PSU Alarm: Form C relay contacts, each rated 30V d.c. 0.5A, on 9-pin D-type plug. Relay normally energised, turns off on PSU (or incoming mains) failure.

Converters: Up to four Serial to SNMP converters included; may be expanded in the field.

Equipment: Support for the following equipment:
  DDA258 I/O Unit
  Paradise SSPA
  Vertex ACU
  *DDA70 Waveguide Switch Controller

       *DDA86 Waveguide Switch Controller
       *DDA89 Up Converter/Modem Redundancy Controller
       *DDA219 1+1 Redundancy Controller
       *DDA257 1+2 Redundancy Controller

Serial Port: 9-pin D-socket; RS-232 and 4-wire RS-422/RS-485, configurable
      parameters. Supports protocols as required by supported equipment.

Converter Alarms Form C relay contact for each converter; events signalled dependent
      on selected equipment type.

    * = Planned Support

Ordering Information

DDA260-xn   Serial to SNMP Converter

In the above part number, substitute as follows:

x   Optional DDA258
       0 - No DDA258 incorporated
       1 - DDA258-01 incorporated

n   Number of Serial to SNMP converters to be fitted
       1 - One converter
       2 - Two converters
       3 - Three converters
       4 - Four converters

Examples:

DDA260-04   Unit with four serial to SNMP converters, no DDA258.

DDA260-14   Unit with DDA258 included, and four serial to SNMP converters (one
      of which is committed to the DDA258).