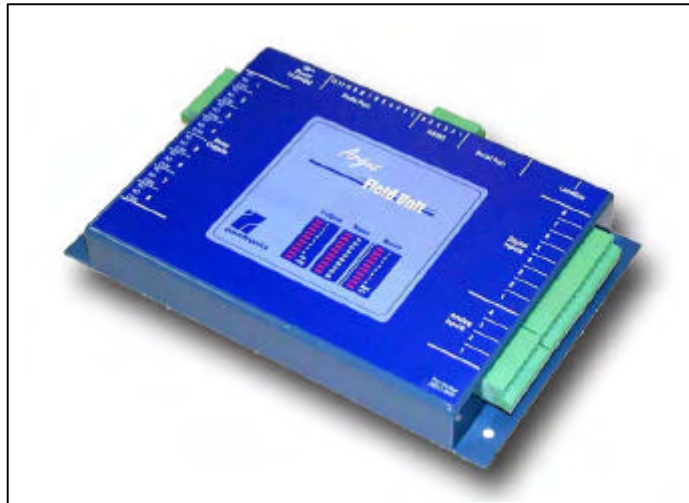


ARGUS FIELD UNIT, COMPONENT SPECIFICATIONS



9000/12(AA, AB, AC, BA, BB or BC) Processor Unit

Overview:- The ARGUS FIELD unit is the basic building block of the ARGUS telemetry system. 'Powered' by a high performance 16 bit microprocessor, this RTU comes with 8 digital inputs, 8 digital outputs, 4 analog inputs, re-programmable Flash memory, battery backed-up RAM, two communications ports, real-time clock and free user configuration software. Very large systems can be implemented with support for 255 networks, each with 255 RTU's. Local programming can be achieved using a laptop PC, or remote programming is possible via the PSTN or by the integrated radio modem. Event reporting, store and forward data transfer, background polling, time stamping and data logging are only some of the features available. Expansion hardware can be added to give additional I/O ports and radio capability. The packaging is a welded steel construction with a minimal mounting footprint. Additional clips are supplied as standard to allow DIN rail installations.

Specifications:-

- **9000/12AA** version, 8 contact inputs, 8 relay outputs and 0-5 VDC analog inputs
- **9000/12AB** version, 8 contact inputs, 8 relay outputs and 0-10VDC analog inputs
- **9000/12AC** version, 8 contact inputs, 8 relay outputs and 4-20mA analog inputs
- **9000/12BA** version, 8 digital voltage inputs, 8 relay outputs and 0-5VDC analog inputs
- **9000/12BB** version, 8 digital voltage inputs, 8 relay outputs and 0-10VDC analogue inputs
- **9000/12BC** version, 8 digital voltage inputs, 8 relay outputs and 4-20mA analogue inputs
- 512 Kb of 8 bit Flash memory for application software
- 512 Kb of 8 bit battery backed up RAM for data storage
- 8 Kb of EEPROM for configuration parameters
- 8 opto isolated contact inputs: 1Kohm maximum loop resistance, OR
- 8 opto isolated voltage inputs: 8-30 VDC/AC
- 2 serial RS232 communications ports, one of which can be configured for RS485 or a V23 modem for communication to radio or landline
- Real-time clock for timed controls or date stamping
- Communications software to support event reporting, MODBUS and connection to PSTN and GSM using external modems
- Front panel LEDs for status monitoring including all I/O lines
- Wide supply voltage tolerance, nominally 12-24 VDC, 36 volts maximum
- Minimum current at 12 VDC is 60 mA: maximum 200 mA with all LEDs and relays on.
- Dimensions, 210 x 133 x 28mm
- Standard accessories include configuration software, programming lead (9 pin 'D' type), two DIN mounting clips and mating screw terminal blocks for I/O connections