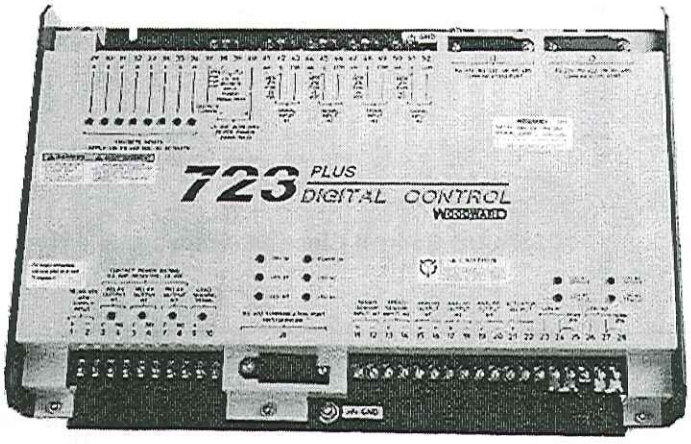
WOODWARD

Product Specification
03203 (Rev. E)

723PLUS Digital Control

Standard Applications

Applications



The Woodward 723PLUS Digital Control manages and controls reciprocating engines (gas, diesel, or dual fuel) used in power generation, marine propulsion, and industrial engine and process markets. Standard application software is available which provides a variety of off-the-shelf control solutions for these markets. The following is a listing of the standard (level 1) programmed and configurable 723PLUS Digital Controls:

8280-412 DSLC™ Loadshare, LV
8280-413 DSLC Loadshare, HV
8280-414 Analog Loadshare, LV
8280-415 Analog Loadshare, HV
8280-416 DSLC/MSLC Gateway, LV
8280-417 DSLC/MSLC Gateway, HV
8280-466 DSLC Loadshare—Low Speed, LV
8280-467 DSLC Loadshare—Low Speed, HV
8280-418 Single Engine Propulsion—Low Speed, LV
8280-419 Single Engine Propulsion, LV
8280-422 Dual Engine Mechanical Load Share—Low Speed, LV
8280-423 Dual Engine Mechanical Load Share, LV
8280-1042 Single Engine Propulsion—DSLC Input, LV
8280-410 Speed Control, LV
8280-411 Speed Control, HV
8280-424 Performance Control '424', LV
8280-598 Performance Control '598', LV
8280-464 Process Control, LV
8280-465 Process Control, HV

Programming

The controls listed above are standard pre-programmed 723PLUS Digital Controls. Woodward and its authorized Distributors can provide custom programming for the 723PLUS/828 Digital Control to meet the need for specialized functions in process, generator plant, engine, and marine applications. The custom version may be a variation of standard control software or totally new. The custom version may be used as a unit control or as a system control for such things as sequencing, load shedding, heat recovery management, and system monitoring and alarming.

Adjustments

Adjustments may be made quickly and easily through the Watch Window or Control View PC Interface [not supported on 8280-1042] or an optional hand held programmer. Both adjustment methods are menu-driven and record all set points. More information is on the Industrial Controls section of our website (www.woodward.com).

*—Modbus is a trademark of Schneider Automation Inc.
**—LON is a trademark of Echelon Corp.

- Programmed and configurable for off-the-shelf control and monitoring in power generation, industrial engine, process, and marine applications
- 32-bit microprocessor
- 1 Watch Window or hand held programmer communication port
- 2 serial ports with Modbus® * and Servlink protocol choices
- 2 local operating network (LON® **) channels
- Digital reference and ramps for speed, pressure, temperature, etc.
- Configurable update time groups—10 to 80 milliseconds
- CSA Certified
- CE Compliant

EXHIBIT # 2164
WIT: